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THE CANADIAN PATENT OFFICE RECORD
LA GAZETTE DU BUREAU DES BREVETS

Johanne Bélisle
Commissioner of Patents

Johanne Bélisle
Commissaire aux brevets

The Canadian Patent Office Record is published on Tuesday of each week under the authority of the Commissioner of Patents, Ottawa-Gatineau, Canada, to whom all communications should be addressed.

The Canadian Intellectual Property Office does not guarantee the accuracy of this publication, nor undertake any responsibility for errors or omissions or their consequences.

La Gazette du Bureau des brevets paraît le mardi de chaque semaine sous l'autorité du Commissaire aux brevets, Ottawa-Gatineau, Canada, à qui doit être adressée toute correspondance.

L'Office de la propriété intellectuelle de Canada ne garantit pas l'exactitude de la présente publication et ne se rend responsable d'aucune erreur ou omission ou de leurs conséquences.

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Notices

1. Dates and Code Numerals Appearing in Patent Headings

Dates

All dates appearing in the patent headings of this publication follow the form recommended by the International Standards Organization. The four digits on the left represent the years followed by two digits each for the months and the days. For example, January 02, 1999 will be shown as 1999-01-02.

Code Numerals

The numerals within the brackets in the patent headings are INID codes. "INID" is an acronym for "Internationally agreed Numbers for the Identification of Data". These codes are utilized to identify patent bibliography as recommended by the Permanent Committee on Industrial Property Information (PCIPI) under the administration of the World Intellectual Property Organization (WIPO) based in Geneva, Switzerland.

The INID Codes and their corresponding definitions of bibliographic data elements are as follows:

[11] - Number of Patent document
[13] - Kind-of-document code
[21] - Number assigned to the Application
[22] - Date of Filing Application or
[22] - Date of filing of related divisional application
[25] - Language in which the published application was originally filed
[30] - Data relating to priority under the Paris Convention

[41] - Open to Public Inspection Date
[45] - Date of Issue
[48] - Correction Date (Re-Issued, Re-Examined)
[51] - International Classification
[52] - Domestic Classification
[54] - Title of Invention
[60] - Related by Supplementary Disclosure
[62] - Related by Division
[64] - Related by Reissue
[71] - Name(s) of Applicant(s)
[72] - Name(s) of Inventor(s)
[73] - Name(s) of Grantee(s)
[85] - National Entry Date
[86] - PCT International Filing Data
[87] - PCT International Publication data

Avis

1. Dates et chiffres de code figurant à l'entête des brevets

Dates

Toutes dates figurant aux entêtes des brevets de cette publication suivent la forme recommandée par l'Organisation des normes internationales. Les quatre chiffres de gauche représentent les années et sont suivis, vers la droite, de deux autres chiffres chacun, pour les mois et les jours. Le 2 janvier 1999, par exemple, sera représenté par 1999-01-02.

Chiffres de code

Les chiffres à l'intérieur des parenthèses aux entêtes des brevets sont des codes INID. Le sigle « INID » signifie « Identification numérique internationale des données bibliographiques » Ces codes sont utilisés pour l'indentification de la bibliographie de brevets, tel que recommandé par le Comité permanent chargé de l'information en matière de propriété industrielle (PCIPI), sous l'administration de l'Organisation mondiale de la propriété intellectuelle (OMPI), sise à Genève, Suisse.

Les codes INID accompagnés des définitions des données bibliographiques correspondantes sont comme suit :

[11] - Numéro du brevet
[13] - Désignation du type de document
[21] - Numéro attribué à la demande
[22] - Date du dépôt de la demande ou
[22] - Date du dépôt de la demande divisionnaire apparentée
[25] - Langue dans laquelle la demande publiée a été initialement déposée
[30] - Données relatives à la priorité selon la Convention de Paris
[41] - Date de mise à la disponibilité du public
[45] - Date de délivrance
[48] - Date de correction (Redélivrance, Réexamen)
[51] - Classification internationale
[52] - Classification nationale
[54] - Titre de l'invention
[60] - Apparenté par divulgation supplémentaire
[62] - Apparenté par division
[64] - Apparenté par redélivrance
[71] - Nom(s) du (des) demandeur(s)
[72] - Nom(s) de(s) l'inventeur(s)
[73] - Nom(s) du (des) titulaire(s)
[85] - Date d'entrée en phase nationale
[86] - Données du dépôt international selon le PCT
[87] - Données de publication internationale selon le PCT

2. Country Code

The Country Codes appearing in this publication conform to those contained in annex A of the *Handbook on Industrial Property Information and Documentation* published by the World Intellectual Property Organization (WIPO). This document is accessible from a link entitled Standards ST-3 on the List of WIPO Standards, Recommendations and Guidelines (Abbreviated Titles) located on the WIPO Web site: (www.wipo.int/scit/en/standards/standards.htm).

3. How to Purchase Paper Copies of Canadian Patents and Canadian Applications Open to Public Inspection

Paper copies of all other Canadian Patents and Canadian applications open to public inspection may be purchased at the cost of $1 per page by visiting (www.strategis.ic.gc.ca/patentsorder) or by writing to the Commissioner of Patents, Ottawa-Gatineau, K1A 0C9.

Item 25.1* On requesting copy in electronic form of a document:	N/A
a) for each request	$10
b) plus, for each patent or application to which the request relates	$10
c) plus, if the copy is requested on a physical medium, for each physical medium requested in addition to the first	$10
d) plus, for each additional 10 megabytes or part of them exceeding 7 megabytes	$10

4. Orders for Patents by Class or Sub-Class

A listing of all patents that have issued in each class or sub-class including both patents in force and expired patents, may be ordered at a price of $1 per page from the Patent Office.

2. Code des pays

Les Codes des pays qui se trouvent dans cette publication sont conformes à ceux dans l'annexe A du *Manuel sur l'information et la documentation en matière de propriété industrielle* publié par l'Organisation Mondiale de la Propriété Intellectuelle (OMPI). Ce document est accessible à partir de l'hyperlien intitulé Normes ST-3 dans la Liste des normes, recommandations et principes directeurs de l'OMPI (Titres abrégés) qui se trouve au site Web de l'OMPI: (www.wipo.int/scit/fr/standards/standards.htm).

3. Comment acheter des copies sur papier de brevets canadiens et de demandes canadiennes mises à la disponibilité du public

Les copies sur papier de tous les autres brevets canadiens et des demandes canadiennes mises à la disponibilité du public peuvent être achetées au coût de 1 $ par page en visitant notre site Web (www.strategis.ic.gc.ca/brevetscommande) ou en écrivant au Commissaire aux brevets, Ottawa-Gatineau, K1A 0C9.

Article 25.1* Demande d'une copie d'un document sous forme électronique :	S.O.
a) pour chaque demande	10 $
b) pour chaque demande de brevet ou brevet visé par la demande	10 $
c) dans le cas où le document doit être copié sur plus d'un support matériel, pour chaque support matériel additionnel	10 $
d) pour chaque tranche de 10 méga-octets qui excède 7 méga-octets, l'excédant étant arrondi au multiple supérieur	10 $

4. Commande de brevets par classe ou sous-classe

Les listes de brevets délivrés dans chaque classe ou sous-classe, incluant les brevets en vigueur et ceux ayant expiré, peuvent être commandées auprès du Bureau des brevets au prix de 1 $ la page.

5. Advice on Making a Patent Application

Any person intending to file a patent application may obtain an information kit upon request from the Commissioner of Patents, Ottawa-Gatineau, Canada K1A 0C9. It is recommended that applicants make use of the services of a registered Patent Agent. A list of Patent Agents in any area of Canada will also be supplied upon request.

6. Licensing of Patents

Voluntary Licences
Persons desiring to use, make or sell an invention patented in Canada should negotiate terms with the patent owner. The address of the patentee may be obtained by writing to the Commissioner of Patents, Ottawa-Gatineau, Canada, K1A 0C9. If a voluntary licence cannot be arranged, a compulsory licence may be possible.

Compulsory Licences
Three years after a patent has been granted, one may request a compulsory licence to use the patent if there has been an abuse of the exclusive right. See Sections 65 to 71 of the *Patent Act.* Applications for a compulsory licence are made to the Commissioner of Patents.

7. Patents Available for Licence or Sale

An asterisk (*) placed beside any patent listed in this issue of the *Canadian Patent Office Record* indicates that as of the date of grant the said patent is available for licence or sale. These and other patents now made available for licensing are included in the listing in part 8 of these notices.

8. List of Patents Available for Licence or Sale

The following Canadian patents have been made available this week for sale or licensing:

None

5. Conseils relatifs à la préparation de demandes de brevets

Toute personne qui a l'intention de déposer une demande de brevet peut obtenir une trousse d'information sur demande faite au Commissaire aux brevets, Ottawa-Gatineau, Canada K1A 0C9. On recommande aux demandeurs d'avoir recours aux services d'un agent de brevets inscrit au registre. Une liste des agents de brevets dans n'importe quelle région du Canada sera également fournie sur demande.

6. Octroi de licences en vertu des brevets

Licences librement accordées
Les personnes désirant utiliser, fabriquer ou vendre une invention brevetée au Canada doivent en négocier les conditions avec le titulaire du brevet. L'adresse du titulaire peut être obtenue en écrivant au Commissaire aux brevets, Ottawa-Gatineau, Canada, K1A 0C9. S'il est impossible d'obtenir une licence résultant d'un libre accord, il est peut être possible d'obtenir une licence obligatoire.

Licences obligatoires
Il est possible de faire la demande d'une licence obligatoire trois ans après l'octroi d'un brevet si les droits exclusifs qui en dérivent ont donné lieu à un abus. Voir les articles 65 à 71 de la *Loi sur les brevets.* Les demandes de licence obligatoire doivent être présentées au Commissaire aux brevets.

7. Brevets disponibles pour licence ou vente

Un astérisque (*) marqué à côté de tout brevet inscrit dans le présent numéro de la *Gazette du bureau des brevets*, signale qu'à compter de la date de la présente publication, ledit brevet est disponible pour octroi de licence ou vente. Une liste de ces brevets et d'autres mis en disponibilité pour octroi de licence, est publiée au no. 8 des présents avis.

8. Liste des brevets disponibles pour octroi de licence ou vente

Les brevets canadiens suivants ont été mis en disponibilité cette semaine pour vente ou octroi de licence :

Aucun

9. Applications Open to Public Inspection

All patent applications filed since October 1, 1989 and documents filed in connection therewith are open to public inspection at the Patent Office after the expiration of a confidentiality period of eighteen months beginning on the filing date of the application, or where a request for priority has been made in respect to the application, beginning on the priority date claimed. An application may become open to public inspection sooner at the request or with the approval of the applicant (Section 10(2) of the *Patent Act*). However, an application shall not be open for public inspection if it is withdrawn within the time set out in Section 92 of the *Patent Rules*. This time limit is two months before the expiry of the confidentiality period or where the Commissioner is able to stop technical preparations to open the application to the public at a subsequent date.

10. Language of Published Documents

When ordering a published patent, please note that the language of the document can be identified by the language code (INID [25]) EN (English) or FR (French).

11. Patent Cooperation Treaty (PCT) Schedule of Fees Applicable for Applications Filed on or After January 1, 2017

1. **Transmittal Fee** (Rule 14)	**$300**
2. **International Filing Fee**	**$1792***
For each additional sheet over 30	**$20**
3. **International Search Fee**	**$1600**

The above mentioned fees are due at time of filing of the international application, or within one month from the international filing date (date of receipt of the international application by the receiving office). These fees are to be paid in Canadian dollars and cheques should be made payable to the Receiver General for Canada.

If the fees are not paid within one month from the international filing date, the receiving office shall invite the applicant to pay the amount required, together with a late payment fee under

9. Demandes mises à la disponibilité du public

Toutes les demandes de brevet et documents relatifs à ceux-ci, déposés au Bureau des brevets depuis le 1er octobre 1989, peuvent y être consultées après l'expiration de la période de confidentialité de dix-huit mois à compter de la date de dépôt de la demande de brevet ou, si une demande de priorité a été présentée à l'égard de celle-ci, de la date de dépôt sur laquelle la demande de priorité est fondée. Une demande de brevet peut être consultée avant l'expiration de la période, à la requête ou sur autorisation du demandeur (article 10(2) de la *Loi sur les brevets*). Toutefois, une demande de brevet ne pourra être consultée si celle-ci est retirée à l'intérieur du délai prévu à l'article 92 des *Règles sur les brevets*. Le délai prévu est de deux mois précédant la date d'expiration de la période de confidentialité ou, lorsque le commissaire est en mesure, à une date ultérieure, d'arrêter les préparatifs techniques en vue de la consultation de cette demande.

10. Langue du document publié

Toute personne intéressée à obtenir une copie d'un brevet publié doit prendre note que les codes suivants EN (Anglais) ou FR (Français) représentent (INID [25]) la langue de la copie du brevet publié.

11. Traité de coopération en matière de brevets (PCT) barème de taxes à partir du 1 janvier 2017

1. **Taxe de transmission** (Règle 14)	**300 $**
2. **Taxe de dépôt internationale**	**1792 $***
Pour chaque feuille au delà de 30	**20 $**
3. **Taxe de recherche internationale**	**1600 $**

Les taxes mentionnées ci-haut sont payables au moment du dépôt de la demande internationale, ou dans un délai d'un mois à compter de la date de dépôt international, (soit la date de réception de la demande internationale par l'office récepteur). Les taxes doivent être payées en dollars canadiens et les chèques sont payables au receveur général du Canada.

Si les taxes n'ont pas été payées dans un délai d'un mois à compter de la date de dépôt international, l'office récepteur invitera le demandeur à payer le montant dû, accompagné de la

Rule 16bis.2, within one month from the date of the invitation. Failure to pay the fees will result in the withdrawal of the application by the receiving office.

4. Late payment fee

50% of the fees that are due, or,
Minimum: Transmittal fee
Maximum: 50% of the international filing fee

Preliminary Examination

5. Handling fee (Rule 57.2(*a*)) **$269**

6. Preliminary examination fee (Rule 58) **$800**

* International fees will be reduced by:

- **$269** for all applications filed electronically using PCT-SAFE or ePCT (The request in character coded format).
- **$404** for all applications filed electronically using PCT-SAFE or ePCT (The request, description, claims and abstract in character coded format).

taxe pour le paiement tardif visée à la règle 16bis.2, dans un délai d'un mois à compter de l'invitation. Si vous omettez de payer les taxes, l'office récepteur retirera votre demande.

4. Taxe pour paiement tardif

50% du montant impayé, ou,
Minimum : taxe de transmission
Maximum : 50% de la taxe de dépôt international

Examen préliminaire

5. Taxe de traitement (Règle 57.2*a*)) **269 $**

6. Taxe d'examen préliminaire (Règle 58) **800 $**

* Les frais seront réduits de:

- **269 $** pour toutes les demandes déposées en utilisant PCT-SAFE ou ePCT (La requête étant en format à codage de caractères).
- **404 $** pour toutes les demandes déposées en utilisant PCT-SAFE ou ePCT (La requête, la description, les revendications et l'abrégé étant en format à codage de caractères).

12. PCT Notices

Patent Cooperation Treaty (PCT)

Copies of the *Patent Cooperation Treaty Applicants Guide* and the *Patent Cooperation Treaty & Regulations* are available from WIPO - World Intellectual Property Organization at a cost of 200 Swiss Francs and 18 Swiss Francs, respectively.

Those wishing for further information including prices for both previous and current subscriptions should contact WIPO at:

Information Products Section
Post Office Box 18
1211 Geneva 20 Switzerland
Telephone (011 41 22) 338-9618
Facsimile (011 41 22) 740-1812

or by "E-mail" (**publications.mail@wipo.int**) or visit their Web site (**www.wipo.int**).

12. Avis PCT

Traité de Coopération en matière de brevets (PCT)

Des copies du *Guide du déposant du PCT* ainsi que du *Traité et des Règlements* sont disponibles auprès de l'OMPI - Organisation mondiale de la propriété intellectuelle au coût de 200 francs suisses et 18 francs suisses, respectivement.

Les personnes qui désirent obtenir de plus amples renseignements, notamment sur le prix des abonnements antérieurs et courants, sont priées de s'adresser directement à :

l'OMPI à la Section des produits d'information
Boîte postale 18
1211 Genève 20 Suisse
Téléphone (011 41 22) 338-9618
Télécopieur (011 41 22) 740-1812

ou par courriel (**publications.mail@wipo.int**) ou visiter leur site Web (**www.wipo.int**).

13. Practice Notice

LIMITED PARTNERSHIPS CAN BE ENTERED ON THE REGISTER OF AGENTS AND ON THE LIST OF TRADE-MARK AGENTS

Note: *This practice notice is intended to provide guidance on current Patent and Trade-marks Office practice and interpretation of relevant legislation. However, in the event of any inconsistency between this notice and the applicable legislation, the legislation must be followed.*

The Patent Office and the Trade-marks Office (hereinafter jointly referred to as "the Offices") have been receiving inquiries as to whether limited partnerships are entitled to act as patent and trade-mark agents before the Offices.

With respect to the register of patent agents, section 15 of the *Patent Act* provides that a register of patent agents shall be kept in the Patent Office on which shall be entered the names of all persons and firms entitled to represent applicants in the presentation and prosecution of applications for patents or in other business before the Patent Office. Section 2 of the *Patent Rules* stipulates that the expression "patent agent" means any person or firm whose name is entered on the register of patent agents pursuant to section 15. Paragraph 15(c) of the *Patent Rules* provides that the Commissioner shall enter on the register of patent agents, on payment of the fee set out in item 33 of Schedule II, the name of **any firm, if the name of at least one member of the firm is entered on the register.**

With respect to the list of trade-mark agents, subsection 28(2) of the *Trade-marks Act* provides that the list of trade-mark agents shall include the names of all persons and firms entitled to represent applicants in the presentation and prosecution of applications for the registration of a trade-mark or in other business before the Trade-marks Office. Paragraph 21(d) of the *Trade-mark Regulations* (1996) stipulates that the Registrar shall, on written request and payment of the fee set out in item 19 of the schedule, enter on a list of trade-mark agents the name of **any firm having the name of at least one of its members entered on the list as a trade-mark agent.**

Both the patent and trade-mark legislation therefore provide that firms may act as agents before the Offices, as long as one of their members is entered on the register or list of agents. It is generally recognised that the term "firm" includes partnerships, and the Offices have already allowed general partnerships and limited liability partnerships to be entered on the register or list of agents. The Offices consider that limited partnerships are also firms, and that they are entitled to act as agents before the

13. Énoncé de pratique

LES SOCIÉTÉS EN COMMANDITE PEUVENT ÊTRE INSCRITES AU REGISTRE DES AGENTS DE BREVETS ET SUR LA LISTE DES AGENTS DE MARQUES DE COMMERCE

Nota : *Le présent énoncé de pratique a pour but de préciser les pratiques actuelles du Bureau des brevets et du Bureau des marques de commerce et l'interprétation faite par ces derniers de certaines dispositions législatives. Toutefois, en cas de divergence entre le présent énoncé et la législation applicable, c'est la législation qui prévaudra.*

Le Bureau des brevets et le Bureau des marques de commerce (ci-après appelés conjointement « les Bureaux ») ont reçu des questions à savoir si les sociétés en commandite (en anglais « limited partnerships ») ont le droit d'agir en tant qu'agents de brevets et de marques de commerce auprès des Bureaux.

En ce qui concerne le registre des agents de brevets, l'article 15 de la *Loi sur les brevets* prévoit qu'un registre des agents de brevets est tenu au Bureau des brevets sur lequel sont inscrits les noms de toutes les personnes et entreprises ayant le droit de représenter les demandeurs dans la présentation et la poursuite des demandes de brevet ou dans toute autre affaire devant le Bureau des brevets. Aux termes de l'article 2 des *Règles sur les brevets*, « agent de brevets » s'entend de toute personne ou maison d'affaires dont le nom est inscrit au registre des agents de brevets aux termes de l'article 15. L'alinéa 15c) des *Règles sur les brevets* prévoit que le commissaire inscrit au registre des agents de brevets, moyennant paiement de la taxe prévue à l'article 33 de l'annexe II, le nom de **toute maison d'affaires dont le nom d'au moins un membre est inscrit au registre des agents de brevets**.

En ce qui concerne la liste des agents de marques de commerce, le paragraphe 28(2) de la *Loi sur les marques de commerce* prévoit que la liste des agents de marques de commerce comporte les noms des personnes et études habilitées à représenter les intéressés dans la présentation et la poursuite des demandes d'enregistrement des marques de commerce et de toute affaire devant le Bureau des marques de commerce. Aux termes de l'alinéa 21d) du *Règlement sur les marques de commerce* (1996), le registraire, sur demande écrite et sur paiement du droit prévu à l'article 19 de l'annexe, inscrit sur la liste des agents de marques de commerce le nom de **toute firme dont le nom d'au moins un membre est inscrit sur la liste à titre d'agent de marques de commerce.**

La législation actuelle sur les brevets et celle sur les marques de commerce prévoient donc que des firmes peuvent agir en tant qu'agents auprès des Bureaux, à condition que l'un de leurs membres soit inscrit au registre ou à la liste des agents. Il est généralement admis que le terme « firme » inclut les sociétés (en anglais «partnerships ») et les Bureaux ont déjà autorisé des sociétés en nom collectif (en anglais « general partnerships») ainsi que des sociétés à responsabilité limitée

Offices.

Therefore, commencing immediately, the Offices will enter upon request, on the register or list of agents, limited partnerships that otherwise meet the requirements set out in the patent and trade-mark legislation.

The Offices, however, continue to consider that the current patent and trade-mark legislation do not allow corporations to be entered on the register or list of agents, since corporations do not have members and therefore cannot meet the requirements set out in paragraph 15(c) of the *Patent Rules* and paragraph 21(d) of the *Trade-mark Regulations* (1996).

14. Correspondence Procedures

June 20, 2017

1. Physical Delivery of Correspondence to CIPO
2. Electronic Correspondence
3. Details concerning the electronic formats accepted
4. General Information
5. Statutory Holidays
6. Procedures in case of an unexpected Office closure at CIPO
7. Procedures when CIPO is open for business but clients are unable to communicate with the Office
8. Intellectual property acts, rules and regulations

This notice will replace all previous notices regarding Correspondence Procedures.

Note: *This practice notice is intended to provide guidance on current Canadian Intellectual Property Office practice and interpretation of relevant legislation. However, in the event of any inconsistency between this notice and the applicable legislation, the legislation must be followed.*

1. Physical Delivery of Correspondence to CIPO

For the purposes of sections 5 and 54 of the Patent Rules, section 3 of the Trade-marks Regulations, section 2 of the Copyright Regulations, section 3 of the Industrial Design Regulations and section 3 of the Integrated Circuit Topography Regulations, the address of the Patent Office, the Office of the

(en anglais « limited liability partnerships ») à être inscrites au registre ou à la liste des agents. Les Bureaux considèrent que les sociétés en commandite sont aussi des firmes et qu'elles ont le droit d'agir en tant qu'agents auprès des Bureaux.

En conséquence, sur demande, les Bureaux inscriront désormais au registre, ou à la liste des agents, les sociétés en commandite qui répondent aux exigences de la *Loi sur les brevets et de la Loi sur les marques de commerce.*

Les Bureaux continuent toutefois de considérer que la législation actuelle sur les brevets et les marques de commerce ne permet pas aux compagnies (en anglais « corporations ») d'être inscrites au registre ou à la liste des agents, étant donné que les compagnies n'ont pas de membres et ne peuvent donc pas satisfaire aux exigences de l'alinéa 15c) des *Règles sur les brevets* et de l'alinéa 21d) du *Règlement sur les marques de commerce* (1996).

14. Procédures de correspondance

le 20 juin, 2017

1. Livraison en personne de correspondance à l'OPIC
2. Correspondance électronique
3. Précisions concernant les formats électroniques acceptés
4. Renseignements généraux
5. Jours fériés
6. Procédures en cas de fermeture des bureaux
7. Procédures à suivre lorsque les clients sont incapables de communiquer avec les bureaux de l'Office de la propriété intellectuelle du Canada durant les heures d'ouverture
8. Lois, règles et règlements sur la propriété intellectuelle

Le présent avis remplacera tous les avis antérieurs relatifs aux procédures de correspondance.

Nota : *Le présent avis fournit une orientation concernant les pratiques et interprétations relatives aux lois pertinentes au sein de l'Office de la propriété intellectuelle du Canada. Toutefois, en cas d'incompatibilité entre cet avis et la législation applicable, c'est celle-ci qu'il faudra suivre.*

1. Livraison en personne de correspondance à l'OPIC

Aux fins des articles 5 et 54 des Règles sur les brevets, de l'article 3 du Règlement sur les marques de commerce, de l'article 2 du Règlement sur le droit d'auteur, de l'article 3 du Règlement sur les dessins industriels et de l'article 3 du Règlement sur les topographies de circuits intégrés, l'adresse

Registrar of Trade-marks, the Copyright Office, the Industrial Design section of the Office of the Commissioner of Patents, and the Office of the Registrar of Topographies (hereinafter sometimes collectively referred to as "CIPO") is:

Canadian Intellectual Property Office
Place du Portage I
50 Victoria Street, Room C-114
Gatineau QC K1A 0C9

Correspondence delivered to the above address during ordinary business hours 8:30 a.m. to 4:30 p.m. (local time) will be considered to be received on the date of delivery.

Please be advised that once correspondence is received by CIPO it cannot be returned to the sender, even if the sender states that the correspondence was sent by mistake. Exceptionally, in cases where correspondence is related to a patent application that does not meet the requirements under subsection 27.1(1) of the Patent Act for obtaining a filing date, the documents will be returned to the sender.

The Fee Payment Form should always be submitted as a covering document and should be the only document submitted to CIPO that contains financial information, such as credit card numbers.

Download the Fee Payment Form.

1.1 Designated Establishments

For the purposes of subsections 5(4) and 54(3) of the Patent Rules, subsection 3(4) of the Trade-marks Regulations, subsection 2(4) of the Copyright Regulations, subsection 3(4) of the Industrial Design Regulations and subsection 3(4) of the Integrated Circuit Topography Regulations, the following are the designated establishments or designated offices to which correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be delivered **in person**:

1. Innovation, Science and Economic Development Canada
   C.D. Howe Building
   235 Queen Street, Room S-143
   Ottawa ON K1A 0H5
   Tel.: 343-291-3436

   8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

2. Innovation, Science and Economic Development Canada
   Sun Life Building
   1155 Metcalfe Street, Room 950
   Montreal QC H3B 2V6

du Bureau des brevets, du Bureau du registraire des marques de commerce, du Bureau du droit d'auteur, de la Section des dessins industriels du Bureau du commissaire aux brevets, et du Bureau du registraire des topographies (ci-après parfois collectivement appelés « OPIC » est la suivante :

Office de la propriété intellectuelle du Canada
Place du Portage I
50, rue Victoria, pièce C-114
Gatineau (Québec) K1A 0C9

La correspondance livrée à l'adresse ci-dessus lors des heures normales d'ouverture, soit de 8h30 à 16h30 (heure locale), sera considérée comme ayant été reçue la journée même de la livraison.

Veuillez prendre note qu'une fois que l'OPIC reçoit de la correspondance, il ne peut pas la retourner à l'expéditeur, même si l'expéditeur indique que la correspondance a été envoyée par erreur. Exceptionnellement, dans le cas où la correspondance vise une demande de brevet ne satisfaisant pas aux exigences du paragraphe 27.1(1) de la Loi sur les brevets pour l'obtention d'une date de dépôt, les documents seront retournés à l'expéditeur.

Le formulaire de paiements devrait toujours être présenté comme page couverture et devrait être le seul document soumis à l'OPIC contenant de l'information financière telle que les numéros de carte de crédit.

Téléchargez le formulaire de paiements.

1.1 Établissements désignés

Aux fins des paragraphes 5(4) et 54(3) des Règles sur les brevets, du paragraphe 3(4) du Règlement sur les marques de commerce, du paragraphe 2(4) du Règlement sur le droit d'auteur, du paragraphe 3(4) du Règlement sur les dessins industriels et du paragraphe 3(4) du Règlement sur les topographies de circuits intégrés, les établissements ou bureaux désignés où peut être livrée **en personne** la correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies sont les suivants :

1. Innovation, Sciences et Développement économique Canada
   Édifice C.D. Howe
   235, rue Queen, pièce S-143
   Ottawa (Ontario) K1A 0H5
   Tél. : 343-291-3436

   8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

2. Innovation, Sciences et Développement économique Canada
   Édifice Sun Life
   1155, rue Metcalfe, bureau 950
   Montréal (Québec) H3B 2V6

Tel.: 514-496-1797
Toll-free: 1-888-237-3037

8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

3. Innovation, Science and Economic Development Canada
151 Yonge Street, 4th Floor
Toronto ON M5C 2W7
Tel.: 416-973-5000

8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

4. Innovation, Science and Economic Development Canada
Canada Place
9700 Jasper Avenue, Suite 725
Edmonton AB T5J 4C3
Tel.: 780-495-4782
Toll-free: 1-800-461-2646

8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

5. Innovation, Science and Economic Development Canada
Library Square
300 West Georgia Street, Suite 2000
Vancouver BC V6B 6E1
Tel.: 604-666-5000

8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

Correspondence delivered, during ordinary business hours, to one of the designated establishments listed above, will be considered to be received on the date of delivery to that designated establishment, only if it is also a day on which CIPO is open for business. Correspondence delivered to a designated establishment on a day when CIPO is closed for business will be considered to be received on the next day on which CIPO is open for business. For example, correspondence delivered to the designated establishment in Toronto on June 24 will not be considered received on June 24 since CIPO is closed for business. The correspondence will be considered received on the next day CIPO is open for business.

Please note that documents delivered to the addresses listed above must be enclosed in a sealed envelope.

1.2. Registered Mail™ and Xpresspost™ services of Canada Post

For the purposes of subsections 5(4) and 54(3) of the Patent Rules, subsection 3(4) of the Trade-marks Regulations, subsection 2(4) of the Copyright Regulations, subsection 3(4) of the Industrial Design Regulations and subsection 3(4) of the Integrated Circuit Topography Regulations, the Registered Mail™ and Xpresspost™ services of Canada Post are designated establishments or designated offices to which

Tél. : 514-496-1797
Sans frais : 1-888-237-3037

8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

3. Innovation, Sciences et Développement économique Canada
151, rue Yonge, 4e étage
Toronto (Ontario) M5C 2W7
Tél. : 416-973-5000

8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

4. Innovation, Sciences et Développement économique Canada
Canada Place
9700, avenue Jasper, pièce 725
Edmonton (Alberta) T5J 4C3
Tél. : 780-495-4782
Sans frais : 1-800-461-2646

8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

5. Innovation, Sciences et Développement économique Canada
Library Square
300, rue Georgia Ouest, pièce 2000
Vancouver (C.-B.) V6B 6E1
Tél. : 604-666-5000

8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

La correspondance livrée pendant les heures normales d'ouverture à l'un des établissements désignés susmentionnés sera réputée reçue à la date de livraison à cet établissement seulement si l'OPIC est ouvert au public à cette même date. Sinon, elle sera réputée avoir été reçue à la date du jour d'ouverture suivant de l'OPIC. Par exemple, la correspondance livrée à un établissement désigné à Toronto le 24 juin ne sera pas considérée comme ayant été reçue le 24 juin, puisque les bureaux de l'OPIC seront fermés. La correspondance sera considérée comme ayant été reçue lors de la prochaine journée ouvrable de l'OPIC.

Prendre note que les documents livrés aux adresses énumérées ci-dessus doivent être insérés dans une enveloppe scellée.

1.2. Services Courrier recommandé$^{\text{MC}}$ et Xpresspost$^{\text{MC}}$ de Postes Canada

Aux fins des paragraphes 5(4) et 54(3) des Règles sur les brevets, du paragraphe 3(4) du Règlement sur les marques de commerce, du paragraphe 2(4) du Règlement sur le droit d'auteur, du paragraphe 3(4) du Règlement sur les dessins industriels et du paragraphe 3(4) du Règlement sur les topographies de circuits intégrés, les services Courrier recommandé$^{\text{MC}}$ et Xpresspost$^{\text{MC}}$ de Postes Canada sont des correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be delivered.

CIPO considers that correspondence delivered through the Registered Mail™ and Xpresspost™ services of Canada Post is received by CIPO on the day indicated on the mailing receipt provided by Canada Post, or if CIPO is closed for business on that day, on the day when CIPO is next open for business.

2. Electronic Correspondence

In accordance with section 8.1 of the Patent Act, and for the purposes of subsections 5(6), 54(5), and 68(3) of the Patent Rules, subsection 3(6) of the Trade-marks Regulations, subsection 2(6) of the Copyright Regulations, subsection 3(6) of the Industrial Design Regulations, and subsection 3(6) of the Integrated Circuit Topography Regulations, correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be sent by facsimile, online or on an electronic medium only as provided in the current notice.

In accordance with subsection 54(5) of the Patent Rules, the request for national entry is the only correspondence addressed to the Commissioner in respect of an international application that can be submitted online or on an electronic medium with the exception of sequence listings, applications prepared using the PCT-SAFE software or prepared using WIPO's ePCT online service as specified in the current notice. Other correspondence submitted online or on an electronic medium in respect of international applications that have not entered the national phase will not be accepted.

Subsection 3(9) of the Trade-marks Regulations specifies certain categories of correspondence to which the provisions of subsection 3(6) do not apply and which thus may not be sent by facsimile or online.

Correspondence sent by facsimile or online to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies constitutes the original, therefore a duplicate paper copy should not be forwarded.

Correspondence delivered by electronic means of transmission, including facsimile, will be considered to be received on the day that it is transmitted if delivered and received before midnight, local time at CIPO on a day when CIPO is open for business. When CIPO is closed for business, correspondence delivered on that day will be considered to be received on the next day on which CIPO is open for business.

établissements ou des bureaux désignés auquels la correspondance adressée au commissaire aux brevets, au Registraire des marques de commerce, au Bureau du droit d'auteur ou au Registraire des topographies peut être livrée.

L'OPIC considère que la correspondance livrée par l'entremise des services Courrier recommandé^{MC} et Xpresspost^{MC} de Postes Canada sont reçus par l'OPIC le jour indiqué sur le reçu de confirmation émis par Postes Canada, ou si l'OPIC est fermé au public ce jour-là, le jour de la réouverture de l'OPIC.

2. Correspondance électronique

Conformément à l'article 8.1 de la Loi sur les brevets et aux fins des paragraphes 5(6), 54(5) et 68(3) des Règles sur les brevets, du paragraphe 3(6) du Règlement sur les marques de commerce, du paragraphe 2(6) du Règlement sur le droit d'auteur, du paragraphe 3(6) du Règlement sur les dessins industriels et du paragraphe 3(6) du Règlement sur les topographies de circuits intégrés, la correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies peut être transmise par télécopieur ou encore en ligne ou à l'aide d'un support électronique et ce, seulement de la manière indiquée dans le présent avis.

Conformément au paragraphe 54(5) des Règles sur les brevets, la demande d'entrée en phase nationale d'une demande internationale est la seule correspondance adressée au commissaire qui peut être présentée en ligne ou sur support électronique, à l'exception des listages de séquences, des demandes préparées à l'aide du logiciel PCT-SAFE ou préparées à l'aide du service en ligne ePCT de l'OMPI, tel qu'indiqué dans le présent avis. Toute autre correspondance présentée en ligne ou sur support électronique relativement à des demandes internationales qui ne sont pas entrées dans la phase nationale ne sera pas acceptée.

Le paragraphe 3(9) du Règlement sur les marques de commerce prévoit certaines catégories de correspondance auxquelles les dispositions du paragraphe 3(6) ne s'appliquent pas et qui, par conséquent, ne peuvent pas être envoyées par télécopieur ou en ligne.

La correspondance envoyée par télécopieur ou en ligne au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies tient lieu d'original. Par conséquent, une copie sur support papier ne devrait pas être expédiée.

La correspondance livrée et reçue par voie électronique, y compris par télécopieur, est réputée reçue à l'OPIC le jour même avant minuit, heure locale, lorsque l'OPIC est ouvert au public. Si elle est transmise un jour où l'OPIC est fermé au public, elle est réputée reçue à la date du jour d'ouverture suivant de l'OPIC.

2.1 Facsimile

Facsimile correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be sent to the following facsimile numbers:

- (819) 953-CIPO (2476) or
- (819) 953-OPIC (6742)

Facsimile correspondence that is sent to any facsimile number other than those indicated above, including those of a designated establishment or designated office, will be considered not to have been received.

The electronic transmittal report returned to you following your facsimile transmission will constitute your acknowledgment receipt. Confidentiality of the facsimile transmission process cannot be guaranteed. Please note that CIPO strongly discourages the use of a computer facsimile interface or internet-based facsimile services due to technical issues with reception.

When submitting a document by facsimile that also has a fee requirement, notification of the preferred mode of payment to be applied must be prominently displayed on the Fee Payment Form to ensure expedient processing.

Patents

The document presentation requirements set out in sections 69 and 70 of the Patent Rules apply to facsimile correspondence.

2.2 Online

Correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be sent electronically using the relevant links below.

Patents

For the purpose of subsection 5(6) of the Patent Rules, correspondence addressed to the Commissioner may be sent electronically by accessing the following pages:

- filing an application (regular application);
- filing a request for national entry;
- filing an international application (PCT Safe or ePCT);
- general correspondence relating to applications and patents;
- maintaining the name of a patent agent on the register

2.1 Correspondance par télécopieur

La correspondance par télécopieur adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies peut être transmise aux numéros ci-dessous :

- 819-953-OPIC (6742) ou
- 819-953-CIPO (2476)

La correspondance qui est transmise par télécopieur à tout autre numéro de télécopieur que ceux qui sont indiqués ci-dessus, y compris ceux d'établissements ou de bureaux désignés, sera réputée non reçue.

Le rapport de transmission électronique que vous recevrez après votre envoi par télécopieur constituera votre accusé de réception. La confidentialité du processus de transmission électronique ne peut pas être garantie. Veuillez noter que l'OPIC décourage fortement l'utilisation d'interface de télécopie par ordinateur ou de services de télécopie par le biais d'internet étant donné les problèmes techniques probables avec la réception.

Quand on transmet par télécopieur un document comprenant une demande d'acquittement de frais, il faut clairement indiquer le mode de paiement préféré sur le formulaire de paiements en vue d'assurer un traitement rapide.

Brevets

Les exigences relatives à la présentation des documents énoncées aux articles 69 et 70 des Règles sur les brevets s'appliquent à la correspondance par télécopieur.

2.2 En ligne

La correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies peut être transmise par voie électronique.

Brevets

Aux fins du paragraphe 5(6) des Règles sur les brevets, la correspondance adressée au commissaire peut être envoyée par voie électronique, notamment par le biais des pages suivantes :

- déposer une demande (demande régulière);
- déposer une demande d'entrée dans la phase nationale;
- déposer une demande internationale (PCT Safe ou ePCT);
- correspondance générale concernant des demandes et des brevets;
- maintien du nom d'un agent de brevets dans le registre

of patent agents; and
- ordering copies in paper, or electronic form of a document.

Canada as Receiving Office Under the PCT: PCT-SAFE

Pursuant to PCT Rule 89bis, CIPO, in its role as a receiving Office, accepts the electronic filing of an international application prepared using the latest version of the WIPO's PCT-Safe software and applications prepared using WIPO's ePCT online service. Filing in both cases must be done using CIPO's International Filing e-service, called PCT E-Filing.

Note: Correspondence related to PCT international applications can not be sent electronically to CIPO. Correspondence may be sent by mail, by facsimile or delivered by hand to CIPO or to a designated establishment.

Trademarks

For the purpose of subsection 3(6) of the Trade-marks Regulations, the following correspondence addressed to the Registrar of Trade-marks may be sent electronically by accessing the following pages:

- filing a new or revised trademark application;
- renewal of a trademark registration;
- request to enter a name on the list of trademark agents;
- annual renewal of a trademark agent;
- requesting copies of trademark documents;
- filing of a declaration of use;
- registration of a trademark application;
- statement of Opposition; and
- extensions of time in trademark opposition cases

Copyright

For the purpose of subsection 2(6) of the Copyright Regulations, the following correspondence addressed to the Copyright Office may be sent electronically, by accessing the following pages:

- application for registration of a copyright in a work,
- application for registration of a copyright in a performer's performance, sound recording or a

des agents de brevets;
- commande de copies papier ou d'un document sous forme électronique.

Le Canada comme office récepteur au titre du PCT : PCT-SAFE et ePCT

Conformément à la Règle 89bis du PCT, l'OPIC, à titre d'office récepteur, accepte le dépôt d'une demande internationale préparée à l'aide de la plus récente version du logiciel PCT-SAFE de l'OMPI, et d'une demande préparée à l'aide du service en ligne ePCT de l'OMPI. Dans les deux cas, le dépôt doit se faire à l'aide du service électronique de dépôt de demandes internationales de l'OPIC, appelé Dépôt en ligne de demandes PCT.

Note: La correspondance liée aux demandes internationales PCT ne peut être envoyée par voie électronique à l'OPIC. La correspondance peut être envoyée par courrier, par télécopieur ou remis en mains à l'OPIC ou à un établissement désigné.

Marques de commerce

Aux fins du paragraphe 3(6) du Règlement sur les marques de commerce, la correspondance indiquée ci-dessous qui est adressée au registraire des marques de commerce peut être envoyés par voie électronique, notamment par les pages suivantes :

- nouvelle demande ou demande modifiée d'enregistrement de marque de commerce;
- renouvellement de l'enregistrement d'une marque de commerce;
- demande d'inscription d'un nom à la liste des agents de marques de commerce;
- renouvellement annuel d'un agent de marques de commerce;
- commande de copies de documents de marques de commerce,
- dépôt d'une déclaration d'emploi;
- l'enregistrement d'une marque de commerce
- dépôt d'une déclaration d'opposition; et
- demande de prolongation de délai dans une procédure d'opposition.

Droits d'auteur

Aux fins du paragraphe 2(6) du Règlement sur le droit d'auteur, la correspondance indiquée ci-dessous qui est adressée au Bureau du droit d'auteur peut être transmise par voie électronique. Pour ce faire, il faut accéder aux pages suivantes :

- demande d'enregistrement d'un droit d'auteur sur une œuvre,
- demande d'enregistrement d'un droit d'auteur sur une prestation, un enregistrement sonore ou un signal de

communication signal;
- filing a grant of interest;
- request for certificate of correction;
- ordering copies in paper, or electronic form of a document; and
- general correspondence relating to copyright.

Industrial Designs

For the purpose of subsection 3(6) of the Industrial Design Regulations, the following correspondence addressed to the Commissioner of Patents may be sent electronically, by accessing the following pages:

- application for registration of an industrial design;
- ordering copies in paper, or electronic form of a document;
- general correspondence relating to industrial designs; and
- payment of industrial design maintenance fees.

Integrated Circuit Topographies

For the purpose of subsection 3(6) of the Integrated Circuit Topography Regulations, the following correspondence addressed to the Registrar of Topographies may be sent electronically, by accessing the following page:

- general correspondence relating to integrated circuit topographies.

2.3 Electronic medium

Patents

The Patent Office will accept correspondence on various types of electronic medium as specified below. The electronic medium should contain a table of contents and be provided with a cover letter, which will be date stamped by CIPO and placed in the application file. Filing date requirements prescribed in the Patent Rules still remain.

When submitted on an electronic medium, the parts of the application must be logically broken down in files, which are no larger than 25 megabytes.

With regards to sequence listings under Rule 111 of the Patent Rules, the electronic medium must be separate from any electronic medium which may be filed containing parts of the

communication;
- dépôt d'une concession d'intérêt;
- demande de certificat de correction;
- commande de copies des documents papier ou électroniques et
- correspondance générale relative aux droits d'auteur.

Dessins industriels

Aux fins du paragraphe 3(6) du Règlement sur les dessins industriels, la correspondance indiquée ci-dessous qui est adressée au commissaire aux brevets peut être transmise par voie électronique. Pour ce faire, il faut accéder aux pages suivantes :

- demande d'enregistrement d'un dessin industriel;
- commande de copies de documents papier ou électroniques;
- correspondance générale relative aux dessins industriels; et
- paiement des droits de maintien des dessins industriels.

Topographies de circuits intégrés

Aux fins du paragraphe 3(6) du Règlement sur les topographies de circuits intégrés, la correspondance indiquée ci-dessous qui est adressée au registraire des topographies peut être transmise par voie électronique. Pour ce faire, il faut accéder à la page suivante :

- correspondance générale relative aux topographies de circuits intégrés.

2.3 Supports électroniques

Brevets

Le Bureau des brevets acceptera la correspondance transmise à l'aide de divers supports électroniques, tel qu'indiqué ci-dessous. Le support électronique devrait contenir une table des matières et être accompagné d'une lettre explicative, laquelle sera datée par l'OPIC et placée dans le dossier de la demande. Les exigences relatives à la date de dépôt énoncées dans les Règles sur les brevets resteront applicables.

Les parties d'une demande qui sont présentées sur support électronique doivent être logiquement réparties en fichiers de 25 mégaoctets au maximum.

En ce qui concerne les listages des séquences prévus à l'article 111 des Règles sur les brevets, le support électronique doit être distinct de tout support électronique qui peut être déposé et qui application itself or amendment(s) thereof.

Canada as Receiving Office Under the PCT: Electronic Filing of Sequence Listings

Pursuant to PCT Rules 89bis and 89ter, and in accordance with Part 7 of the PCT Administrative Instructions, where an international application contains disclosure of one or more nucleotide and/or amino acid sequence listings, CIPO, in its role as a receiving Office, accepts that the sequence listing part of the description and/or any table related to the sequence listing(s) be filed, at the option of the applicant:

i. only on an electronic medium in electronic form in accordance with section 702 of Part 7 of the PCT Administrative Instructions; or

ii. both on an electronic medium in electronic form and on paper in accordance with section 702 of Part 7 of the PCT Administrative Instructions;

provided that the other elements of the international application are filed as otherwise provided for under the PCT.

The sequence listing part of an international application filed in electronic form and related tables filed in electronic form shall comply with the relevant provisions of Annex C and C-bis of the PCT Administrative Instructions respectively.

For this purpose the Canadian receiving Office will accept any electronic media specified in Annex F of the PCT Administrative Instructions. Where both the sequence listing and the tables are filed in electronic form, the listing and the tables shall be contained on separate electronic media, which shall contain no other programs or files.

For the purpose of processing the international application, the Canadian receiving Office requires two (2) additional copies of the electronic media containing the sequence listing and/or tables in electronic form, accompanied by a statement that the sequence listings and/or tables contained in the copies are identical to those in electronic form as filed.

For further details concerning the filing of sequence listings and/or tables in electronic form, including the labeling of the electronic media and the calculation of the international filing fee, refer to section 7 of the PCT Administrative Instructions.

Electronic Media accepted by the Patent Office

The Patent Office will accept 3.5 inch diskette, CD-ROM, CD-R, DVD, DVD-R and any format as specified in Annex F of

contient des parties de la demande elle-même ou des modifications relatives à la demande.

Le Canada comme office récepteur au titre du PCT : Dépôt électronique des listages de séquences

Conformément aux Règles 89bis et 89ter du PCT et à la Partie 7 des Instructions administratives du PCT, lorsqu'une demande internationale contient la divulgation d'un ou de plusieurs listages des séquences de nucléotides et/ou d'acides aminés, à titre d'office récepteur l'OPIC accepte le dépôt de la partie de la description contenant les listages des séquences et/ou de tout tableau relatif aux listages des séquences et ce, à la discrétion du requérant :

i. seulement sous forme électronique et sur support électronique, conformément à l'article 702 de la Partie 7 des Instructions administratives du PCT, ou

ii. sur support papier et sur support électronique sous forme électronique, conformément à l'article 702 de la Partie 7 des Instructions administratives du PCT,

à condition que les autres éléments de la demande internationale soient déposés conformément aux dispositions du PCT.

Dans une demande internationale déposée sous forme électronique, la partie qui contient le listage des séquences et les tableaux connexes seront conformes aux dispositions pertinentes de l'Annexe C et de l'Annexe C-bis des Instructions administratives du PCT, respectivement.

À cette fin, l'office récepteur canadien acceptera tout support électronique prévu à l'Annexe F des Instructions administratives du PCT. Lorsque le listage des séquences et les tableaux sont déposés sous forme électronique, ils le seront sur des supports électroniques distincts ne contenant pas d'autres programmes ni fichiers.

Aux fins du traitement de la demande internationale, l'office récepteur canadien exige deux (2) copies supplémentaires du support électronique contenant le listage de séquences et/ou les tableaux sous forme électronique, accompagnées d'une déclaration indiquant que le listage des séquences et/ou les tableaux contenus dans les copies sont identiques à ceux qui ont été déposés sous forme électronique.

On trouvera à l'article 7 des Instructions administratives du PCT des détails supplémentaires sur le dépôt de listages des séquences et/ou de tableaux sous forme électronique, notamment sur l'étiquetage des supports électroniques et le calcul de la taxe de dépôt internationale.

Supports électroniques acceptés par le Bureau des brevets

Le Bureau de brevets acceptera des disquettes 3,5 pouces, CD-ROM, CD-R, DVD, DVD-R et tout format spécifié à l'Annexe the PCT Administration Instructions.

The electronic medium must also be free of worms, viruses or other malicious content. Files with malicious content will be deleted.

3. Details concerning the electronic formats accepted

Patents

In accordance with section 8.1 of the Patent Act, and for the purposes of subsections 5(6), 54(5), and 68(3) of the Patent Rules, the acceptable file formats for documents submitted electronically using the relevant links set out in section 2.2 of these correspondence procedures or on electronic media are TIFF and PDF. In order to get a correspondence date, the office will accept documents initially filed in other formats provided they are viewable with the software "Stellent Quick View Plus 8.0.0". In these cases, the office will request the documents to be replaced by documents in PDF or TIFF and the submission of a statement to the effect that the replacement documents are the same as the documents initially filed.

Sequence listings can be initially provided in TIFF, PDF or in ASCII file formats. However, as a completion requirement according to section 94 of the Patent Rules, a sequence listing in the ASCII format compliant with the "PCT sequence listing standard" has to be submitted. Therefore, CIPO encourages applicants to submit the sequence listings in the ASCII format in the first place.

When applicable, the Patent Office will accept files in the TIFF, PDF and ASCII format when they comply with the following specifications:

TIFF Format:

- TIFF CCITT Group 4, single or multi-page, black and white;
- Resolution of either 300 or 400 dpi;
- The dimensions of the scanned/stored images should match that of the paper requirements, namely 8 ½" by 11" or A4.

PDF Format:

- Adobe Portable Document Format Version 1.4 compatible;
- Non-compressed text to facilitate searching;
- Unencrypted text;
- No embedded OLE objects;
- All fonts must be embedded and licensed for distribution.

F des Instructions administratives du PCT.

Le support électronique doit aussi être exempt de tout ver, virus ou autre contenu malveillant. Les fichiers ayant un contenu malveillant seront effacés.

3. Précisions concernant les formats électroniques acceptés

Brevets

Conformément à l'article 8.1 de la Loi sur les brevets et aux fins des paragraphes 5(6), 54(5) et 68(3) des Règles sur les brevets, les formats de fichiers acceptables pour les documents présentés par voie électronique en utilisant les liens spécifiés à l'article 2.2 de ces procédures de correspondance ou sur support électronique sont les formats TIFF et PDF. Pour qu'une date de correspondance soit attribuée, le Bureau acceptera des documents initialement déposés dans d'autres formats à condition qu'ils soient consultables à l'aide du logiciel « Stellent Quick View Plus 8.0.0 ». Dans de tels cas, le Bureau exigera le remplacement des documents par des fichiers en format PDF ou TIFF, ainsi qu'une déclaration indiquant que ces fichiers sont identiques aux documents initialement déposés.

Les listages des séquences peuvent être initialement déposés sous forme de fichiers TIFF, PDF ou ASCII. Toutefois, afin de compléter la demande, conformément à l'article 94 des Règles sur les brevets, un listage des séquences en format ASCII conforme à la Norme PCT de listage des séquences devra être présenté. L'OPIC encourage donc les demandeurs à déposer les listages de séquences en format ASCII dès le départ.

Le cas échéant, le Bureau des brevets acceptera des fichiers en format TIFF, PDF et ASCII s'ils sont conformes aux spécifications suivantes :

Format TIFF

- TIFF CCITT Groupe 4, une ou plusieurs pages, noir et blanc
- Résolution : 300 ou 400 ppp
- Les dimensions des images balayées par scanner ou mémorisées doivent être compatibles avec celles qui sont requises pour les papiers, soit 8 1/2 po par 11 po ou A4.

Format PDF

- Compatible avec Adobe Portable Document Format Version 1.4
- Texte non comprimé, pour faciliter la recherche
- Texte non chiffré
- Pas d'objets OLE incorporés
- Toutes les polices de caractère doivent être incorporées et leur distribution doit être autorisée.

ASCII

- Shall be encoded using IBM Code Page 437, IBM Code Page 932 or a compatible code page.

Industrial Design

For the purposes of subsection 3(6) of the Industrial Design Regulations, the acceptable file formats for documents submitted electronically using the relevant links set out in section 2.2 of these correspondence procedures are: TIFF, JPEG, WPD and Doc. In order to get a correspondence date, the Office will accept documents initially filed in other formats provided they are viewable with the software "Stellent Quick View Plus 8.0.0". In these cases, the Office will request the documents to be replaced by documents in one of the acceptable formats and the submission of a statement to the effect that the replacement documents are the same as the documents initially filed.

When submitting images electronically, we strongly encourage clients to comply with the following specifications:

TIFF Format:

- TIFF CCITT Group 4, single or multi-page, black and white;
- The dimensions of the scanned/stored images should match that of the paper requirements, namely 8 ½" by 11";
- Resolution of 300 dpi

Photographs in JPEG Format:

- JPEG compression, Gray Scale 8 bit (256 Shades of Gray);
- The dimensions of the scanned/stored images should match that of the paper requirements, namely 8 ½" by 11";
- Resolution of 300 dpi

For all images submitted in different formats, the office may print and scan the images or convert them to recommended formats prior to loading them in the database. If the office converts files to an acceptable format this could result in a change in quality to the drawings.

ASCII

- Le texte sera encodé à l'aide des pages de codes IBM 437 ou IBM 932 ou d'une page de codes compatible.

Dessins industriels

Aux fins des paragraphes 3(6) et 12(3) du Règlement sur les dessins industriels, les formats de fichiers acceptables pour les documents présentés par voie électronique en utilisant les liens spécifiés à l'article 2.2 de ces procédures de correspondance sont : TIFF, JPEG, WPD et DOC. Pour qu'une date de correspondance soit attribuée, le Bureau acceptera des documents initialement déposés dans d'autres formats, à condition qu'ils soient consultables à l'aide du logiciel « Stellent Quick View Plus 8.0.0 ».Dans de tels cas, le Bureau exigera le remplacement des documents par des fichiers présentés dans un des formats acceptables, ainsi qu'une déclaration indiquant que ces fichiers sont identiques aux documents déposés à l'origine.

Nous encourageons fortement les clients à respecter les spécifications suivantes lorsqu'ils déposent des images par voie électronique :

Format TIFF :

- TIFF CCITT Groupe 4, une ou plusieurs pages, noir et blanc
- Les dimensions des images balayées par scanner ou mémorisées doivent être compatibles avec celles qui sont requises pour les papiers, soit 8 1/2 po par 11 po
- Résolution : 300 ppp

Photographies en format JPEG :

- Compression JPEG, échelle de gris de 8 bits (256 tons de gris)
- Les dimensions des images balayées par scanner ou mémorisées doivent être compatibles avec celles qui sont requises pour les papiers, soit 8 1/2 po par 11 po
- Résolution : 300 ppp

Pour toutes les images soumises dans différents formats, le bureau peut imprimer et balayer les images par scanner ou les convertir dans les formats recommandés avant leur chargement dans la base de données. Si le bureau convertit les fichiers dans un format acceptable, ceci pourrait résulter en un changement de la qualité des dessins.

4. General Information

General information may be obtained by communicating with CIPO's Client Service Centre.

5. Statutory Holidays

- Time limits under the Patent, Trade-marks, Industrial Design, Copyright and Integrated Circuit Topography Acts
- Time limits under the Patent and Trade-marks Act
- Time limits under the Patent Cooperation Treaty
- Provincial and Territorial Holidays
- When Patent and Trademarks Offices are closed for business

Time limits under the Patent, Trade-marks, Industrial Design, Copyright and Integrated Circuit Topography Acts

In accordance with section 26 of the Interpretation Act, any person choosing to deliver a document to a designated establishment (including CIPO's offices in Gatineau, Quebec; an Innovation, Science and Economic Development Canada regional office or the Registered Mail™ and Xpresspost™ services of Canada Post) where a federal, provincial or territorial holiday exists, is entitled to an extension of any time limit for the filing of the document that expires on the holiday, until the next day that is not a holiday. It is to be noted, in respect of provincial and territorial holidays, that the entitlement to the extension is dependent on the establishment to which the document is delivered and not on the place of residence of the person for whom the document is filed or of their agent. For this purpose, documents transmitted to CIPO by electronic means, including by facsimile, would be considered to be delivered to CIPO's offices in Gatineau, Quebec.

CIPO has no practical way of keeping track of the establishment to which documents are delivered. Accordingly, where a person has a time limit for the filing of a document that expires on a provincial or territorial holiday but only delivers the document on the next day that is not a holiday, CIPO will assume that the document was delivered to an establishment that would justify an extension of the time limit. In such circumstances, it will be the responsibility of the person filing the document to ensure that he or she is properly entitled to any needed extension of the time limit.

4. Renseignements généraux

On pourra obtenir des renseignements généraux en communiquant avec le Centre de services à la clientèle de l'OPIC.

5. Jours fériés

- Délais prévus dans les lois sur les brevets, les marques de commerce, les dessins industriels, le droit d'auteur et les topographies de circuits intégrés
- Délais prévus dans la Loi sur les brevets et dans la Loi sur les marques de commerce
- Délais prévus dans le Traité de coopération en matière de brevets
- Jours fériés provinciaux ou territoriaux
- Jours de fermeture au public des bureaux des brevets et des marques de commerce

Délais prévus dans les lois sur les brevets, les marques de commerce, les dessins industriels, le droit d'auteur et les topographies de circuits intégrés

Selon l'article 26 de la Loi d'interprétation, lorsqu'une personne choisit de livrer un document à un établissement désigné (y compris les bureaux de l'OPIC à Gatineau, au Québec, un bureau régional d'Innovation, Sciences et Développement économique Canada ou le service Courrier recommandé de Postes Canada) dans une province où il y a un jour férié fédéral, provincial ou territorial, tout délai fixé pour le dépôt du document, qui expire un jour férié peut être prorogé jusqu'au jour non férié suivant. Dans le cas d'un jour férié provincial ou territorial, il convient de souligner que le droit à la prorogation dépend de l'établissement auquel le document est livré et non du lieu de résidence de la personne pour laquelle le document est déposé ou de son agent. À cet égard, les documents envoyés à l'OPIC par un moyen électronique, y compris par télécopieur, sont réputés être livrés aux bureaux de l'OPIC à Gatineau, au Québec.

En pratique, l'OPIC n'a aucun moyen de faire le suivi sur les établissements auxquels des documents sont livrés. Par conséquent, si le délai pour le dépôt d'un document tombe un jour férié provincial ou territorial et qu'une personne le livre seulement le jour non férié suivant, l'OPIC tiendra pour acquis que le document a été livré à un établissement qui justifierait une prorogation du délai. Dans de telles circonstances, il incombe au déposant de s'assurer qu'il a droit à une telle prorogation.

Time limits under the Patent and Trade-marks Acts

In addition to the extensions of time limits referred to above, in accordance with subsection 78(1) of the Patent Act and subsection 66(1) of the Trade-marks Act, any patent or trademark time limit that expires on a day when the Patent and Trademarks Offices are closed for business is deemed to be extended to the next day when the offices are open for business. All persons are entitled to these extensions regardless of their place of residence or of the establishment to which documents are delivered.

No equivalent provisions exist under the Industrial Design Act, the Copyright Act or the Integrated Circuit Topography Act.

Time limits under the Patent Cooperation Treaty

Rule 80.5 of the Regulations under the PCT provides:

If the expiration of any period during which any document or fee must reach a national Office or intergovernmental organization falls on a day:

i. on which such Office or organization is not open to the public for the purposes of the transaction of official business;

ii. on which ordinary mail is not delivered in the locality in which such Office or organization is situated;

iii. which, where such Office or organization is situated in more than one locality, is an official holiday in at least one of the localities in which such Office or organization is situated, and in circumstances where the national law applicable by that Office or organization provides, in respect of national applications, that, in such a case, such period shall expire on a subsequent day; or

iv. which, where such Office is the government authority of a Contracting State entrusted with the granting of patents, is an official holiday in part of that Contracting State, and in circumstances where the national law applicable by that Office provides, in respect of national applications, that, in such a case, such period shall expire on a subsequent day;

the period shall expire on the next subsequent day on which none of the said four circumstances exists.

CIPO takes the position that section 26 of the Interpretation Act applies to PCT international applications filed in Canada. Accordingly, where a person has a time limit under the PCT for

Délais prévus dans la Loi sur les brevets et dans la Loi sur les marques de commerce

En plus des prorogations indiquées aux paragraphes précédents, les paragraphes 78(1) de la Loi sur les brevets et 66(1) de la Loi sur les marques de commerce stipulent que tout délai relatif aux brevets ou aux marques de commerce qui expire un jour où les bureaux des marques de commerce et des brevets sont fermés au public est réputé prorogé jusqu'au jour de réouverture de ces bureaux. Toute personne a droit à une telle prorogation quel que soit son lieu de résidence ou l'établissement auquel les documents sont livrés

Il n'existe pas de disposition équivalente dans la Loi sur les dessins industriels, la Loi sur le droit d'auteur ou dans la Loi sur les topographies de circuits intégrés.

Délais prévus dans le Traité de coopération en matière de brevets

La règle 80.5 du Règlement d'exécution du PCT prévoit ce qui suit :

Si un délai quelconque pendant lequel un document ou une taxe doit parvenir à un office national ou à une organisation intergouvernementale expire un jour

i. où cet office ou cette organisation n'est pas ouvert au public pour traiter d'affaires officielles;

ii. où le courrier ordinaire n'est pas délivré dans la localité où cet office ou cette organisation est situé;

iii. qui, lorsque cet office ou cette organisation est situé dans plus d'une localité, est un jour férié dans au moins une des localités dans lesquelles cet office ou cette organisation est situé, et dans le cas où la législation nationale applicable par cet office ou cette organisation prévoit, à l'égard des demandes nationales, que, dans cette situation, ce délai prend fin le jour suivant; ou

iv. qui, lorsque cet office est l'administration gouvernementale d'un État contractant chargée de délivrer des brevets, est un jour férié dans une partie de cet État contractant, et dans le cas où la législation nationale applicable par cet office prévoit, à l'égard des demandes nationales, que, dans cette situation, ce délai prend fin le jour suivant;

Le délai prend fin le premier jour suivant auquel aucune de ces quatre circonstances n'existe plus.

L'OPIC estime que l'article 26 de la Loi d'interprétation s'applique aux demandes internationales du PCT déposées au Canada. Par conséquent, lorsqu'un délai prévu dans le cadre du

the filing of a document in Canada that expires on a provincial or territorial holiday but only delivers the document on the next day that is not a holiday, CIPO will assume that the document was delivered to an establishment that would justify an extension of the time limit. CIPO, however, takes no position as to whether such extensions would be recognized by other countries, and it will be the responsibility of the person filing the document to ensure that in other countries of interest they are properly entitled to any needed extension of the time limit by reason of Rule 80.5 of the Regulations under the PCT or some other applicable law.

Provincial and Territorial Holidays

For the purposes of this practice notice, CIPO has identified the following as being days that are not federal holidays but that are holidays in one or more provinces or territories:

1. **Alberta**: Third Monday in February (Alberta Family Day)
2. **British Columbia**:
   - First Monday in August (British Columbia Day)
   - Second Monday in February (British Columbia Family Day)
3. **New Brunswick**: First Monday in August (New Brunswick Day)
4. **Newfoundland and Labrador**:
   - March 17 (St. Patrick's Day)
   - April 23 (St. George's Day)
   - June 24 (Discovery Day)
   - July 12 (Orangemen's Day)
   - First Monday in August (Regatta Day)
5. **Nova Scotia**: First Monday in August (Civic Holiday)
6. **Ontario**:
   - Third Monday in February (Ontario Family Day)
   - First Monday in August (Civic Holiday)
7. **Prince Edward Island**: First Monday In August (Civic Holiday)
8. **Quebec**: June 24 (St. John the Baptist Day)
9. **Saskatchewan**: First Monday in August (Saskatchewan Day)
10. **Yukon**: Third Monday in August (Discovery Day)

When CIPO's Offices are closed for business

For the purposes of subsection 78(1) of the Patent Act and subsection 66(2) of the Trade-marks Act, CIPO's Offices are closed for business on the following days:

PCT pour le dépôt d'un document au Canada expire un jour férié provincial ou territorial, si le déposant livre le document en question le jour non férié suivant, l'OPIC tiendra pour acquis que le document a été livré à un établissement où une prorogation du délai est justifiée. Toutefois, il ne se prononce pas sur l'acceptation éventuelle de ces prorogations par d'autres pays; il incombera à la personne qui dépose le document de vérifier si elle a droit à une prorogation, dans d'autres pays qui l'intéressent, en vertu de la règle 80.5 du Règlement d'exécution du PCT ou d'une autre loi pertinente.

Jours fériés provinciaux ou territoriaux

Aux fins du présent avis, l'OPIC a indiqué que les jours ci-après, qui ne sont pas des jours fériés pour l'administration fédérale, sont des jours fériés dans au moins une province ou territoire :

1. **Alberta** : troisième lundi de février (Jour de la Famille de l'Alberta)
2. **Colombie-Britannique** :
   - premier lundi d'août (Fête de la Colombie-Britannique)
   - euxième lundi de février (Jour de Famille de la Colombe –Britannique)
3. **Nouveau-Brunswick** : premier lundi d'août (Fête du Nouveau-Brunswick)
4. **Terre-Neuve et Labrador** :
   - 17 mars (Fête de la Saint-Patrick)
   - 23 avril (Fête de la Saint-Georges)
   - 24 juin (Journée de la Découverte)
   - 12 juillet (Jour des Orangistes)
   - Premier lundi d'août (Journée de la Régate)
5. **Nouvelle-Écosse** : premier lundi d'août (congé statutaire)
6. **Ontario** :
   - troisième lundi de février (Jour de la Famille de l'Ontario)
   - premier lundi d'août (congé statutaire)
7. **L'Île-du-Prince-Edouard** : premier lundi d'août (congé civique)
8. **Québec** : 24 juin (Saint-Jean-Baptiste)
9. **Saskatchewan** : premier lundi d'août (Fête de la Saskatchewan)
10. **Yukon** : troisième lundi d'août (Journée de la Découverte)

Jours de fermeture des bureaux de l'OPIC au public

Pour l'application des paragraphes 78(1) de la Loi sur les brevets et 66(2) de la Loi sur les marques de commerce, les bureaux de l'OPIC sont fermés au public les jours suivants :

- All Saturdays and Sundays
- New Year's Day (January 1)*
- Good Friday
- Easter Monday
- Victoria Day: First Monday immediately preceding May 25
- St. John the Baptist Day (June 24)*
- Canada Day (July 1)*
- Labour Day: First Monday in September
- Thanksgiving Day: Second Monday in October
- Remembrance Day (November 11)*
- Christmas Day (December 25)*
- Boxing Day (December 26)

If December 26 falls on a Saturday, CIPO's Offices will be closed on the following Monday. If December 26 falls on a Sunday or Monday, the Offices are closed on the following Tuesday.

* If any of these holidays fall on a Saturday or Sunday, the Offices will be closed on the following Monday.

6. Procedures in case of an unexpected office closure at CIPO

In case of an **emergency**, CIPO will attempt to remain open for business and ensure that essential service to our clients continues with the least possible disruption or delay.

In view of the **date-sensitive nature** of intellectual property (IP), clients are advised to address important deadlines ahead of time to minimize the risk of affecting their IP rights. For the purposes of such deadlines, unless otherwise notified, clients should assume that all due dates remain in effect.

Whenever CIPO is closed for business, including closures due to extraordinary circumstances, CIPO considers **all time limits to be extended until the next day that it is open for business**. In such situations, mail delivered to CIPO or to the designated regional offices will be considered to be received on the date that CIPO re-opens for business, with the exception of correspondence addressed to the Registrar of Topographies.

There may also be instances in which the designated regional offices may be temporarily closed, yet CIPO remains open for business. In such situations, it remains the responsibility of CIPO's clients to ensure that all deadlines are respected.

Clients are **strongly encouraged** to send date-sensitive material through Canada Post by Registered Mail™ or Xpresspost™ or electronically using the relevant links set out in section 2.2 of these correspondance procedures. Documents may continue to be faxed to CIPO at 819-953-CIPO (953-2476); however date-sensitive material requiring fee payment that is sent by fax must be accompanied by a VISA, MasterCard, or American Express credit card number, or CIPO

- Tous les samedi et dimanche
- Jour de l'An (1er janvier)*
- Vendredi Saint
- Lundi de Pâques
- Fête de Victoria : premier lundi précédant le 25 mai
- Saint-Jean-Baptiste (le 24 juin)*
- Fête du Canada (1er juillet)*
- Fête du travail : premier lundi de septembre
- Jour de l'Action de grâces : deuxième lundi d'octobre
- Jour du souvenir (11 novembre)*
- Jour de Noël (25 décembre)*
- L'après-Noël (26 décembre)

Si le 26 décembre est un samedi, les bureaux de l'OPIC seront fermés le lundi suivant. S'il coïncide avec un dimanche ou un lundi, les bureaux le seront le mardi d'après.

* Si l'un ou l'autre de ces jours fériés est un samedi ou un dimanche, les bureaux des brevets et marques de commerce seront fermés le lundi suivant.

6. Procédures en cas de fermeture des bureaux

Dans une **situation d'urgence**, l'OPIC s'efforcera de demeurer ouvert au public et d'assurer un service essentiel à ses clients, et ce, avec le moins d'interruption ou de retard possible.

Étant donné **l'importance que revêtent les délais** en matière de propriété intellectuelle (PI), il est recommandé aux clients de minimiser les risques pouvant nuire à leurs droits en matière de PI en tenant compte à l'avance des dates limites importantes. En ce qui a trait aux délais prescrits, les clients doivent respecter toutes les dates d'échéance, à moins d'avis contraire.

Dans les cas où l'OPIC est fermé au public, y compris pour des raisons exceptionnelles, **les dates limites seront réputées être reportées au prochain jour où l'OPIC sera ouvert au public**. Le cas échéant, sauf pour la correspondance adressée au registraire des topographies, le courrier livré à l'OPIC ou aux bureaux régionaux désignés sera réputé avoir été reçu le jour où l'OPIC rouvre au public.

Il pourrait y avoir des cas où les bureaux régionaux seraient fermés temporairement, mais où l'OPIC resterait ouvert au public. Le cas échéant, les clients de l'OPIC demeurent responsables du respect de tous les échéanciers.

Les clients sont **fortement encouragés** à faire parvenir les documents assujettis à des délais précis par Postes Canada par Courrier recommandé^{MC}, par Xpresspost^{MC} ou par voie électronique en utilisant les liens spécifiés à l'article 2.2 de ces procédures de correspondance. Il est toujours possible de télécopier des documents à l'OPIC en composant le 819-953-OPIC (953-6742). Cependant, les documents assujettis à des délais pour lesquels des frais sont exigés, envoyés par deposit account number.

When possible during an emergency, information and search systems will continue to be available on our website; however, services provided through the Client Service Centre and other support areas within CIPO may be temporarily unavailable. Should an emergency occur, CIPO will post information on our service interruptions as they become available and as circumstances permit.

7. Procedures when CIPO is open for business but clients are unable to communicate with the Office

Patents, Industrial Design, Copyright and Integrated Circuit Topography

The legislative framework in relation with the abovementioned types of intellectual property does not provide CIPO with the flexibility to extend deadlines when it is open for business but clients are unable to communicate with the Office.

In these situations it remains the responsibility of clients to ensure that all deadlines are respected.

Trademarks

The Trade-marks Act and Regulations does allow clients to request a retroactive extension of time when a due date has been missed due to a force majeure type situation. For a retroactive extension of time to be granted, the Registrar of Trade-marks must be satisfied that the failure to do the act or apply for an extension of time before the original due date was not reasonably avoidable. A prescribed fee of $125 may be required in certain cases.

CIPO notes that Bill C-59 – Budget Implementation Act 2015, which received royal assent on June 23, 2015, contains provisions for extensions of time in Force Majeure-type situations (such as catastrophic events). CIPO has commenced work on regulatory amendments to the Patent Rules, Trade-Marks Regulations and the Industrial Design Regulations to bring Bill C-59 into force.

télécopieur, doivent être accompagnés d'un numéro de carte VISA, Mastercard ou American Express ou d'un numéro de compte de dépôt à l'OPIC.

En cas d'urgence, les systèmes d'information et de recherche seront, dans la mesure du possible, accessibles à partir de notre site Web; toutefois, les services fournis par le Centre de services à la clientèle et les autres services de soutien de l'OPIC pourraient temporairement ne pas être offerts. En cas d'urgence, l'OPIC affichera les renseignements nécessaires sur notre page d'interruptions des services lorsque ceux-ci seront disponibles et si les circonstances le permettent.

7. Procédures à suivre lorsque les clients sont incapables de communiquer avec les bureaux de l'Office de la propriété intellectuelle du Canada durant les heures d'ouverture

Brevets, dessins industriels, droit d'auteur et topographies de circuits intégrés

Le cadre législatif relié aux types de propriété intellectuelle mentionnés ci-haut ne permet pas à l'OPIC d'avoir la flexibilité de proroger les délais lors d'une journée ouvrable pendant laquelle les clients sont dans l'impossibilité de communiquer avec le bureau.

Dans une telle situation, les clients demeurent tenus de veiller à ce que les échéances soient respectées.

Marques de commerce

La Loi sur les marques de commerce et le Règlement sur les marques de commerce permettent aux clients de demander une prorogation rétroactive lorsqu'un délai n'a pas été respecté en raison d'une situation de force majeure. Pour qu'une prorogation rétroactive soit accordée, le registraire des marques de commerce doit être convaincu que l'omission d'accomplir l'acte ou de demander la prorogation avant la date initiale d'échéance n'était pas raisonnablement évitable. Un droit prescrit de 125 $ peut être exigé dans certains cas.

L'OPIC souligne que le projet de loi C-59 – Loi d'exécution du budget 2015, qui a reçu la sanction royale le 23 juin 2015, renferme des dispositions permettant la prorogation de délais dans des cas de force majeure (événements catastrophiques par exemple). L'OPIC a entamé des travaux visant à apporter des modifications réglementaires aux Règles sur les brevets, au Règlement sur les marques de commerce et au Règlement sur les dessins industriels afin de mettre le projet de loi C-59 en vigueur.

8. Intellectual property acts, rules and regulations

- Copyright Act
- Copyright Regulations
- Industrial Design Act
- Industrial Design Regulations
- Integrated Circuit Topography Act
- Integrated Circuit Topography Regulations
- Interpretation Act
- Patent Act
- Patent Rules
- Regulations under the PCT
- Trade-marks Regulations

15. Canadian Applications Open to Public Inspection

The *Canadian Patent Office Record* of August 8, 2017 contains applications open to public inspection from July 23, 2017 to July 29, 2017.

8. Lois, règles et règlements sur la propriété intellectuelle

- Loi sur le droit d'auteur
- Règlement sur le droit d'auteur
- Loi sur les dessins industriels
- Règlement sur les dessins industriels
- Loi sur les topographies de circuits intégrés
- Règlement sur les topographies de circuits intégrés
- Loi d'interprétation
- Loi sur les brevets
- Règles sur les brevets
- Règlement d'exécution du PCT
- Règlement sur les marques de commerce

15. Demandes canadiennes mises à la disponibilité du public

La *Gazette du bureau des brevets* du 8 août 2017 contient les demandes disponibles au public pour consultation pour la période du 23 juillet 2017 au 29 juillet 2017.

Canadian Patents Issued

August 8, 2017

Brevets canadiens délivrés

8 août 2017

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[54] **COMPOSITIONS HERBICIDES CONTENANT DE LA N-PHOSPHONOMETHYLGLYCINE ET UN HERBICIDE A BASE D'AUXINE**
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[54] **REACTIONS D'AMPLIFICATION D'ACIDE NUCLEIQUE A STADES MULTIPLES EN SYSTEME FERME**
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[72] RIRIE, KIRK M., US
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[54] **CATALYSEURS RESISTANT A L'EMPOISONNEMENT A TENEUR ELEVEE EN PHOSPHORE POUR TRAITER DES ECHAPPEMENTS AUTOMOBILES**
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[54] **BASE DE DONNEES D'INFORMATIONS DE RESEAU IP DANS DES DISPOSITIFS MOBILES DESTINES A S'UTILISER AVEC UN SERVEUR D'INFORMATIONS INDEPENDANTS DU SUPPORT**
[72] YAQUB, RAZIQ, US
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[54] **SYSTEME ET METHODE PERMETTANT D'INTEGRER DES OBJETS DE TELECHARGEMENT D'IMAGES AVEC UNE LISTE DE MESSAGES**
[72] KLASSEN, GERHARD D., CA
[72] DENT, TERRILL, CA
[72] ZINN, SCOTTE, CA
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[54] **FORME CRISTALLINE .BETA. DU SEL D'ARGININE DU PERINDOPRIL, SON PROCEDE DE PREPARATION, ET LES COMPOSITIONS PHARMACEUTIQUES QUI LA CONTIENNENT**
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[54] **DISPOSITIF POUR CORDEAU TRACEUR, CROCHET CONNEXE ET METHODE**
[72] GRISHAM, MATTHEW, US
[72] SPAULDING, JAMES, US
[73] STANLEY BLACK & DECKER, INC., US
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[54] **METHODE ET APPAREILLAGE DE REALISATION DE SAC A POINCONNAGE PAR LE HAUT**
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[72] MARIANI, ROBERTO, US
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[72] KEEFE, WILLIAM M., US
[72] KNUDSEN, NICK, US
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[72] CHRISTOPOULOS, CONSTANTIN, CA
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[54] **DISPOSITIF D'ISOLEMENT D'UN ANNULAIRE DE TUBAGE**
[72] CHAN, KWONG OMN, CA
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[54] **MODULE DE TRAITEMENT D'ORDINATEUR DE HAUTE INTEGRITE ET HAUTE DISPONIBILITE**
[72] PRUIETT, JAY R., US
[72] SYKES, GREGORY R., US
[72] SKUTT, TIMOTHY D., US
[73] GE AVIATION SYSTEMS LLC, US
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[54] **LIQUID CONTAINER: SYSTEM AND METHOD FOR USE AND DISTRIBUTION THEREOF**
[54] **CONTENANT A LIQUIDE : SYSTEME ET METHODE DE DISTRIBUTION CONNEXE**
[72] EITEN, CARL T., US
[73] DEAN INTELLECTUAL PROPERTY SERVICES II, INC., US
[86] (2697429)
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[54] **SYSTEME D'ANCRAGE DE COLLIER DE SERRAGE DE CONDUITE**
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[54] **UNITE D'AFFICHAGE**
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[54] **IMMUNOTHERAPEUTIC METHOD FOR INCREASING GROUNDNUT TOLERANCE IN A SUBJECT**
[54] **PROCEDE D'IMMUNOTHERAPIE PERMETTANT D'AUGMENTER LA TOLERANCE AUX ARACHIDES CHEZ UN SUJET ALLERGIQUE**
[72] MONDOULET, LUCIE, FR
[72] DUPONT, CHRISTOPHE, FR
[72] BENHAMOU, PIERRE-HENRI, FR
[72] DUPONT, BERTRAND, FR
[73] DBV TECHNOLOGIES, FR
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[54] **SOUDAGE PAR IMPLANT RESISTIF DE MATERIAUX THERMOPLASTIQUES AVEC DES JOINTS BOUT A BOUT**
[72] GRGAC, STEVE, CA
[72] ARMSTRONG, BRADFORD DAVID, CA
[73] MAGNA INTERNATIONAL INC., CA
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[54] **SYSTEM AND METHOD OF LAPAROSCOPIC USE OF HEMOSTATIC PATCH**
[54] **SYSTEME ET PROCEDE DESTINES A UNE UTILISATION LAPAROSCOPIQUE DE TAMPONS HEMOSTATIQUES**
[72] LAVIGNE, KEVIN, US
[72] BENNETT, STEVEN, US
[72] MAST, NATHANIEL, US
[73] TYCO HEALTHCARE GROUP LP, US
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[72] GOODRIDGE, RICHARD JOHN, AU
[72] TUNALEY, DEANE, AU
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[54] **PROCEDE POUR CONTROLER LA FORMATION DE CONSTITUANTS DE FUMEE DANS UN SYSTEME DE GENERATION D'AEROSOL ELECTRIQUE**
[72] GREIM, OLIVIER, CH
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[54] **DISPOSITIF DE BRUMISATION SERVANT A DESINFECTER L'INTERIEUR ET LE SYSTEME HVAC DE VEHICULES**
[72] ALDANA, LEONARDO, CA
[72] CHOCHOL, ANDREW S., CA
[72] FERRARO, TONY, CA
[72] PRESCOD, KERWYN, CA
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[54] **COMPOSITIONS DE CHEWING-GUM CONTENANT DES CANNABINOIDES**
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[54] **MEMBRANES D'OSMOSE INVERSE COMPOSITES A FILM MINCE HYBRIDE**
[72] KURTH, CHRISTOPHER JAMES, US
[72] KOEHLER, JEFFREY ALAN, US
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[54] **AUTOMATED POSITIONING AND ALIGNMENT METHOD AND SYSTEM FOR AIRCRAFT STRUCTURES USING ROBOTS**
[54] **PROCEDE ET SYSTEME DE POSITIONNEMENT ET D'ALIGNEMENT AUTOMATIQUE DE STRUCTURES D'AERONEFS RECOURANT A DES ROBOTS**
[72] SIMONETTI, MARCOS LEANDRO, BR
[72] TRABASSO, LUIS GONZAGA, BR
[73] ITA - INSTITUTO TECNOLOGICO DE AERONAUTICA, BR
[73] EMBRAER S.A., BR
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[54] **SYSTEMES ET PROCEDES DE CONSERVATION D'ENERGIE DANS UN SYSTEME RECREATIF**
[72] LANGILLE, GARY R., US
[72] LANDOW, KATE MEGAN CARNEY, US
[73] ECHOSTAR TECHNOLOGIES LLC, US
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[72] CHANDRASEKARAN, ARVIND, US
[73] QUALCOMM INCORPORATED, US
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[54] **AN ESTHETIC APPARATUS USEFUL FOR INCREASING SKIN REJUVENATION AND METHODS THEREOF**
[54] **APPAREIL ESTHETIQUE UTILE POUR ACCENTUER LE RAJEUNISSEMENT DE LA PEAU ET PROCEDES ASSOCIES**
[72] RON EDOUTE, ODED, IL
[72] RON EDOUTE, ORIT, IL
[72] KREMIN, ITZHAK, IL
[72] POLYAKOV, VADIM, IL
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[72] WRAIGHT, PETER, US
[72] ROSCOE, BRAD, US
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[54] **PROCEDE ET APPAREIL POUR BASE DE DONNEES D'ABONNE**
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[54] **CONNECTEURS RUBANS POUR APPAREILS DE MESURE**
[72] RIES, RICHARD G., US
[72] STAFFORD, GARY A., US
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[54] **UTILISATION D'HERBES DANS UN DEFRISAGE**
[72] JARVIS, DAVID, US
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[72] SUTHERLAND, STEVEN B., CA
[73] CROSSWING INC., CA
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[54] **SYSTEME DE DETECTION DE BLOCAGE D'UNE BUSE ASSORTI D'UN PROCEDE ET SYSTEME DE CORRECTION**
[72] ALLEGORICO, CARMINE, US
[72] TROMBI, CARLO, IT
[73] NUOVO PIGNONE S.P.A., IT
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[54] **AMORCES ET SONDES POUR LA DETECTION DU PAPILLOMAVIRUS HUMAIN ET DES SEQUENCES DE BETA GLOBINE HUMAINE DANS DES ECHANTILLONS TEST**
[72] ABRAVAYA, KLARA, US
[72] ERICKSON, BRIAN J., US
[72] HUANG, SHIHAI X., US
[72] MAK, WAI-BING X., US
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[54] **SYSTEMES ANALYTIQUES A MULTIPLEXAGE ULTRA-ELEVE ET PROCEDES**
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[72] LUNDQUIST, PAUL, US
[72] ZHAO, PEIQIAN, US
[72] ZHONG, FRANK, US
[72] TURNER, STEPHEN, US
[72] HUANG, YANQIAO, US
[72] MONADGEMI, PEZHMAN, US
[72] SAXENA, RAVI, US
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[54] **SYSTEME DE SUPPORT A MULTIPLES STRUCTURES POUR UNE SEMELLE DANS UNE CHAUSSURE DE COURSE**
[72] MCDONNELL, KEVIN, US
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[54] **PHOTO-CROSSLINKABLE ANTIFOULING COMPOSITIONS, FILMS OBTAINED FROM SAID COMPOSITIONS, AND CORRESPONDING USES**
[54] **COMPOSITIONS ANTISALISSURES PHOTORETICULABLES, FILMS OBTENUS A PARTIR DE CES COMPOSITIONS ET UTILISATIONS CORRESPONDANTES**
[72] BUNEL, CLAUDE, FR
[72] CAMPISTRON, IRENE, FR
[72] HELLIO, CLAIRE, FR
[72] JELLALI, RACHID, FR
[72] LAGUERRE, ALBERT, FR
[72] MOUGET, JEAN-LUC, FR
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[54] **COMPOSITION INJECTABLE A BASE D'ACIDE HYALURONIQUE OU L'UN DE SES SELS, DE POLYOLS ET DE LIDOCAINE, STERILISEE A LA CHALEUR**
[72] GAVARD MOLLIARD, SAMUEL, FR
[73] ANTEIS S.A., CH
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[54] **STRUCTURE DE BASE DE RECIPIENT SENSIBLE A DES FORCES ASSOCIEES AU VIDE**
[72] PATCHEAK, TERRY D., US
[72] DOWNING, DAVID, US
[72] LISCH, G. DAVID, US
[72] SILVERS, KERRY W., US
[72] VAILLIENCOURT, DWAYNE G., US
[72] PIESZCHALA, BRIAN L., US
[72] STEIH, RICHARD J., US
[73] AMCOR LIMITED, AU
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[54] **PROCEDURE D'ACHEMINEMENT EN DEUX ETAPES DANS UN CENTRE D'APPELS**
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[73] AFINITI INTERNATIONAL HOLDINGS, LTD., BM
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[54] **SYSTEM AND METHOD FOR AUTHENTICATING TRANSACTIONS THROUGH A MOBILE DEVICE**
[54] **SYSTEME ET PROCEDE POUR L'AUTHENTIFICATION DES TRANSACTIONS EFFECTUEES A L'AIDE D'UN DISPOSITIF MOBILE**
[72] POON, DENNIS, CA
[72] LAW, SIMON, CA
[72] BURNISON, RICHARD, CA
[73] SALT TECHNOLOGY INC., CA
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[54] **APPAREIL DE REGULATION DE PUISSANCE DE SORTIE**
[72] BANDO, MATSUO, JP
[72] TAMAKOSHI, TOMIO, JP
[72] SAKANAKA, YOSHINORI, JP
[73] TOSHIBA MITSUBISHI-ELECTRIC INDUSTRIAL SYSTEMS CORPORATION, JP
[73] JAPAN WIND DEVELOPMENT CORPORATION LTD., JP
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[54] **ZEOLITES Y MODIFIEES A STRUCTURE INTRACRISTALLINE TRIMODALE, LEUR PROCEDE DE FABRICATION ET LEUR UTILISATION**
[72] VAN DONK, SANDER, BE
[72] LACROIX, MAXIME, BE
[72] FAJULA, FRANCOIS, FR
[72] BULUT, METIN, BE
[72] DATH, JEAN-PIERRE, BE
[72] DE JONG, KRIJN PIETER, NL
[72] DE JONGH, PETRA ELISABETH, NL
[72] ZECEVIC, JOVANA, NL
[72] VAN LAAK, ADRIANUS NICOLAAS CORNELIS, NL
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[54] **APPAREIL, SYSTEME ET PROCEDE D'ADMINISTRATION DE FLUIDE**
[72] LANIGAN, RICHARD J., US
[72] FOO, BRIGHT CHONG KHUANG, US
[72] KAMEN, DEAN, US
[73] DEKA PRODUCTS LIMITED PARTNERSHIP, US
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[54] **POCKET ASSEMBLIES FOR SPORTS FLOORING SUB-FLOOR SYSTEMS**
[54] **ENSEMBLES DE POCHE POUR SYSTEMES DE SOUS-PLANCHER POUR PLANCHER DE SPORT**
[72] RANDJELOVIC, ERLIN A., US
[73] CONNOR SPORT COURT INTERNATIONAL, LLC, US
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[54] **PRISE ET CONNECTEUR A FIBRES OPTIQUES**
[72] FARNAN, JEROME C., US
[73] WINCHESTER ELECTRONICS CORPORATION, US
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[54] **SUPPORT PERMETTANT UN CHARGEMENT DE MODULE**
[72] CRANE, MICHAEL W., US
[72] MATTHEWS, MARTIN R., US
[72] SCHALTE, GARI, US
[73] MAGNA INTERNATIONAL INC., CA
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[54] **DEVICE FOR REGULATING BLOOD FLOW**
[54] **DISPOSITIF DE REGULATION DU FLUX SANGUIN**
[72] HINCHLIFFE, PETER W. J., US
[72] KALMANN, MENNO, NL
[72] LEHMAN, ADAM I., US
[73] DEEP VEIN MEDICAL, INC., US
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[54] **POLYETHYLENE FILM HAVING IMPROVED BARRIER PROPERTIES AND METHODS OF MAKING SAME**
[54] **FILM DE POLYETHYLENE AYANT DES PROPRIETES DE BARRIERE AMELIOREES ET SES PROCEDES DE FABRICATION**
[72] SUKHADIA, ASHISH M., US
[72] MCDANIEL, MAX P., US
[72] CYMBALUK, TED H., US
[72] KRISHNASWAMY, RAJENDRA K., US
[72] SZMUTO, LAWRENCE, US
[73] CHEVRON PHILLIPS CHEMICAL COMPANY LP, US
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[54] **STABILIZED BIOCIDAL COMPOSITION**
[54] **COMPOSITION BIOCIDE STABILISEE**
[72] JONES, CHRIS, GB
[72] EDMUNDS, STEPHANIE, GB
[72] FELLOWS, ALAN, GB
[73] RHODIA OPERATIONS, FR
[85] 2011-08-30
[86] 2010-02-01 (PCT/EP2010/051194)
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[54] **TEXTILE SEMI-FINI A FIXATION PARTIELLE**
[72] KUNTZ, JULIAN, DE
[73] PREMIUM AEROTEC GMBH, DE
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[25] EN
[54] **PERIPHERAL STENTS HAVING LAYERS AND REINFORCEMENT FIBERS**
[54] **ENDOPROTHESES PERIPHERIQUES COMPORTANT DES COUCHES ET DES FIBRES DE RENFORT**
[72] MCCLAIN, JAMES B., US
[72] TAYLOR, DOUGLAS, US
[73] MICELL TECHNOLOGIES, INC., US
[85] 2011-09-22
[86] 2010-03-22 (PCT/US2010/028195)
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[54] **SYSTEM AND METHOD FOR MONITORING AN INTEGRATED SYSTEM**
[54] **SYSTEME ET PROCEDE DE SURVEILLANCE D'UN SYSTEME INTEGRE**
[72] PRASAD, VIJAYSAI, IN
[72] KOLWALKAR, AMOL RAJARAM, IN
[72] SHAH, SUNIL SHIRISH, IN
[72] LIBERATORE, FREDERICK, US
[72] NAIK, RAJENDRA, IN
[73] GENERAL ELECTRIC COMPANY, US
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[25] EN
[54] **CONTROL VALVE FOR A REVERSE OSMOSIS WATER PURIFICATION SYSTEM**
[54] **VANNE DE REGULATION POUR UN SYSTEME DE PURIFICATION DE L'EAU PAR OSMOSE INVERSE**
[72] BURROWS, BRUCE D., US
[73] DS SERVICES OF AMERICA, INC., US
[85] 2011-09-30
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[54] **METHOD FOR PRODUCING FURNISH, FURNISH AND PAPER**
[54] **PROCEDE DE PRODUCTION DE COMPOSITION DE FABRICATION, COMPOSITION DE FABRICATION ET PAPIER**
[72] LAINE, JANNE, FI
[72] OSTERBERG, MONIKA, FI
[72] MIQUEL, DELPHINE, FI
[72] POHJOLA, LEILA, FI
[72] SINISALO, IRMELI, FI
[72] KOSONEN, HARRI, FI
[73] UPM-KYMMENE CORPORATION, FI
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[25] EN
[54] **METHOD AND APPARATUS FOR ADVANCING A PROBE**
[54] **PROCEDE ET APPAREIL PERMETTANT L'AVANCEMENT D'UNE SONDE**
[72] SOUTORINE, MIKHAIL, AU
[73] ENDOGENE LIMITED, AU
[85] 2011-10-12
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[54] **VITAMIN D RECEPTOR AGONISTS AND USES THEREOF**
[54] **AGONISTES DU RECEPTEUR DE LA VITAMINE D ET UTILISATIONS CORRESPONDANTES**
[72] KAWAI, MEGUMI, US
[73] VIDASYM, INC., US
[85] 2011-10-13
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[25] EN
[54] **LABELED MOLECULAR IMAGING AGENTS, METHODS OF MAKING AND METHODS OF USE**
[54] **AGENTS D'IMAGERIE MOLECULAIRE MARQUES, LEURS PROCEDES DE FABRICATION ET METHODES D'UTILISATION**
[72] SYUD, FAISAL AHMED, US
[72] LEE, BRIAN DUH-LAN, US
[72] SCHAFFER, PAUL, US
[72] ZHANG, RONG, US
[72] WEBSTER, JACK MATHEW, US
[72] HUNTINGTON, JENNIFER, US
[72] AMARASINGHE, KANDE KANKANAMALAGE DAYARA, US
[73] GENERAL ELECTRIC COMPANY, US
[85] 2011-10-17
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[25] EN
[54] **METHOD AND APPARATUS FOR A LATERAL RADIATION DETECTOR**
[54] **PROCEDE ET APPAREIL POUR DETECTEUR DE RAYONNEMENT LATERAL**
[72] GOLDAN, AMIRHOSSEIN, CA
[72] KARIM, KARIM S., CA
[72] WANG, KAI, CA
[73] GOLDAN, AMIRHOSSEIN, CA
[73] KARIM, KARIM S., CA
[73] WANG, KAI, CA
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[25] EN
[54] **FLUORINATED AMINOTRIAZOLE DERIVATIVES**
[54] **DERIVES FLUORES DE L'AMINOTRIAZOLE**
[72] BUR, DANIEL, CH
[72] CORMINBOEUF, OLIVIER, CH
[72] CREN, SYLVAINE, CH
[72] GRISOSTOMI, CORINNA, CH
[72] LEROY, XAVIER, CH
[72] RICHARD-BILDSTEIN, SYLVIA, CH
[73] ACTELION PHARMACEUTICALS LTD, CH
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[25] EN
[54] **USING THERMAL IMAGING FOR CONTROL OF A MANUFACTURING PROCESS**
[54] **UTILISATION DE L'IMAGERIE THERMIQUE POUR COMMANDER UN PROCESSUS DE FABRICATION**
[72] ARP, ZANE, A., US
[73] GLAXOSMITHKLINE LLC, US
[85] 2011-11-14
[86] 2010-05-13 (PCT/US2010/034658)
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[25] EN
[54] **PRODUCTION OF ADIPIC ACID AND DERIVATIVES FROM CARBOHYDRATE-CONTAINING MATERIALS**
[54] **PRODUCTION D'ACIDE ADIPIQUE ET DE DERIVES DE CELUI-CI A PARTIR DE MATIERES CONTENANT DES GLUCIDES**
[72] BOUSSIE, THOMAS R., US
[72] DIAS, ERIC L., US
[72] FRESCO, ZACHARY M., US
[72] MURPHY, VINCENT J., US
[72] SHOEMAKER, JAMES, US
[72] ARCHER, RAYMOND, US
[72] JIANG, HONG, US
[73] RENNOVIA INC., US
[85] 2011-11-30
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[51] **Int.Cl. F03D 80/40 (2016.01) F03D 7/02 (2006.01)**
[25] EN
[54] **A WIND POWER PLANT AND A METHOD OF DE-ICING BLADES OF A WIND POWER PLANT**
[54] **UNE INSTALLATION EOLIENNE ET UNE METHODE DE DEGIVRAGE DE PALES D'UNE INSTALLATION EOLIENNE**
[72] WICKSTROM, ANDERS, SE
[73] GE WIND ENERGY (NORWAY) AS, NO
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[51] **Int.Cl. F16B 5/02 (2006.01) F16B 13/06 (2006.01)**
[25] EN
[54] **DEVICE FOR MECHANICALLY LINKING AT LEAST TWO PARTS HAVING COAXIAL BORES**
[54] **DISPOSITIF PERMETTANT DE COUPLER MECANIQUEMENT AU MOINS DEUX PARTIES AYANT DES ALESAGES COAXIAUX**
[72] FABRE, CHRISTIAN, FR
[72] BIGNOLAIS, ALAIN, FR
[73] AIRBUS OPERATIONS (S.A.S.), FR
[85] 2011-12-02
[86] 2010-07-06 (PCT/EP2010/004073)
[87] (WO2011/003570)
[30] FR (0954664) 2009-07-06

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[51] **Int.Cl. B44C 1/10 (2006.01) B32B 7/06 (2006.01) B44C 1/165 (2006.01)**
[25] FR
[54] **SHEET ARTICLE INTENDED TO BE APPLIED TO A WALL TO BE DECORATED AND ASSOCIATED PRODUCTION METHOD AND APPLICATION METHOD**
[54] **ARTICLE EN FEUILLE POUR APPLICATION SUR UNE PAROI A DECORER, PROCEDE DE FABRICATION ET PROCEDE D'APPLICATION ASSOCIES**
[72] CHEVALLIER, STANISLAS, FR
[72] SOURBE, WILFRID, FR
[72] CHEMINET, HELENA, FR
[72] DELSUC, VINCENT, FR
[72] DE DINECHIN, JEROME, FR
[73] CHEVALLIER, STANISLAS, FR
[73] CORSO MAGENTA, FR
[85] 2011-12-02
[86] 2010-06-03 (PCT/EP2010/057807)
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[25] EN
[54] **FLEXIBLE LAMINATED PACKAGING WITH RECLOSABLE OPENING FEATURE AND METHOD FOR MAKING SAME**
[54] **EMBALLAGE**
[72] WILLEY, JASON DENIS, GB
[72] CHEEMA, PARBINDER, GB
[73] CADBURY UK LIMITED, GB
[85] 2011-12-23
[86] 2010-07-08 (PCT/GB2010/001306)
[87] (WO2011/004156)
[30] GB (0911823.3) 2009-07-08

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[51] **Int.Cl. G01S 13/90 (2006.01)**
[25] EN
[54] **PROCESS FOR FILTERING INTERFEROGRAMS OBTAINED FROM SAR IMAGES ACQUIRED ON THE SAME AREA**
[54] **PROCEDE DE FILTRAGE D'INTERFEROGRAMMES OBTENUS DES IMAGES SAR ACQUISES SUR LA MEME ZONE**
[72] FERRETTI, ALESSANDRO, IT
[72] FUMAGALLI, ALFIO, IT
[72] NOVALI, FABRIZIO, IT
[72] DE ZAN, FRANCESCO, DE
[72] RUCCI, ALESSIO, IT
[72] TEBALDINI, STEFANO, IT
[73] TELE-RILEVAMENTO EUROPA - T.R.E. S.R.L., IT
[73] POLITECNICO DI MILANO, IT
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[25] FR
[54] **OIL SEPARATOR ARRANGEMENT**
[54] **AGENCEMENT DE DESHUILEUR**
[72] BELMONTE, OLIVIER, FR
[72] BORZAKIAN, MURIEL JANE SYLVIE, FR
[72] WELLER, LIONEL RENE HENRI, FR
[73] SNECMA, FR
[85] 2012-01-04
[86] 2010-07-09 (PCT/EP2010/059935)
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[51] **Int.Cl. G01N 27/90 (2006.01) G01N 29/22 (2006.01) G01N 29/24 (2006.01)**
[25] FR
[54] **DEVICE FOR CHECKING A TURBOMACHINE ENGINE**
[54] **DISPOSITIF DE CONTROLE D'UN MOTEUR DE TURBOMACHINE**
[72] GAISNON, PATRICK, FR
[72] MISTRAL, QUENTIN, FR
[72] MOZER, SYLVIE, FR
[72] SAMAK, NICOLAS, FR
[73] SNECMA, FR
[85] 2012-01-05
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[87] (WO2011/004101)
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[25] FR
[54] **USE OF XENON FOR TREATING HYPERSENSITIVITY TO PAIN**
[54] **UTILISATION DU XENON POUR TRAITER L'HYPERSENSIBILITE A LA DOULEUR**
[72] BESSIERE, BAPTISTE, FR
[72] SIMONNET, GUY, FR
[73] UNIVERSITE BORDEAUX SEGALEN, FR
[73] L'AIR LIQUIDE, SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES GEORGES CLAUDE, FR
[85] 2012-01-05
[86] 2010-07-13 (PCT/EP2010/060021)
[87] (WO2011/015428)
[30] FR (0955476) 2009-08-04

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[51] **Int.Cl. B64D 37/26 (2006.01) G01M 3/02 (2006.01)**
[25] FR
[54] **DEVICE FOR CLOSING FUEL-DUMP CIRCUIT OF AN AIRCRAFT**
[54] **DISPOSITIF D'OBTURATION D'UN CIRCUIT VIDE-VITE D'AERONEF**
[72] MATEO, STEPHANE, FR
[73] AIRBUS OPERATIONS (SOCIETE PAR ACTIONS SIMPLIFIEES), FR
[85] 2012-01-09
[86] 2010-07-07 (PCT/FR2010/051429)
[87] (WO2011/004119)
[30] FR (0954824) 2009-07-10

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[13] C
[51] **Int.Cl. E01C 5/22 (2006.01) E01C 9/08 (2006.01)**
[25] EN
[54] **SURFACES USING STRUCTURAL MODULES**
[54] **SURFACES UTILISANT DES MODULES STRUCTURELS**
[72] CULLETON, PAUL DAVID, GB
[72] SHUTTLEWORTH, ANDREW BRYAN, GB
[72] VAN RAAM, CAROLUS HERMANUS, NL
[73] PERMAVOID LIMITED, GB
[85] 2012-01-11
[86] 2010-07-13 (PCT/GB2010/001332)
[87] (WO2011/007128)
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[51] **Int.Cl. H04N 21/2668 (2011.01) H04L 9/00 (2006.01) H04L 9/32 (2006.01)**
[25] EN
[54] **INSERTING PERSONALIZED INFORMATION INTO DIGITAL CONTENT**
[54] **INSERTION D'INFORMATIONS PERSONNALISEE DANS UN CONTENU NUMERIQUE**
[72] MCDONOUGH, JOHN C., US
[72] STERN, HADLEY RUPERT, US
[73] FMR LLC, US
[85] 2012-01-11
[86] 2010-07-22 (PCT/US2010/042922)
[87] (WO2011/011615)
[30] US (12/508,503) 2009-07-23

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[13] C
[51] **Int.Cl. E01C 3/00 (2006.01) E01C 13/02 (2006.01)**
[25] EN
[54] **ACTIVITY SURFACES USING STRUCTURAL MODULES**
[54] **SURFACES D'ACTIVITE UTILISANT DES MODULES STRUCTURAUX**
[72] CULLETON, PAUL DAVID, GB
[72] SHUTTLEWORTH, ANDREW BRYAN, GB
[72] VAN RAAM, CAROLU HERMANUS, NL
[72] SAXBY, DAVID, GB
[72] POMFRET, WILLIAM, GB
[73] PERMAVOID LIMITED, GB
[85] 2012-01-12
[86] 2010-07-13 (PCT/GB2010/001331)
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[30] GB (0912173.2) 2009-07-13

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[13] C
[51] **Int.Cl. H04W 4/00 (2009.01) H04W 4/02 (2009.01) H04W 84/18 (2009.01) H04B 5/00 (2006.01)**
[25] EN
[54] **METHODS AND APPARATUS TO PROVIDE HAPTIC FEEDBACK**
[54] **PROCEDES ET APPAREILS CONCUS POUR DONNER UNE RETROACTION HAPTIQUE**
[72] HILL, THOMAS CASEY, US
[73] BLACKBERRY LIMITED, CA
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[54] **TRUSTED QUERY NETWORK SYSTEMS AND METHODS**
[54] **SYSTEMES ET PROCEDES DE RESEAU D'INTERROGATION SECURISE**
[72] BASKERVILLE, RICHARD, US
[72] VANDENBERG, ART, US
[72] BERTOLOTTI, DANIELE, BS
[72] DURAISAMY, SARAVANARAJ, US
[73] GEORGIA STATE UNIVERSITY RESEARCH FOUNDATION, INC., US
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[25] EN
[54] **RECESSED WALL-MOUNTED OUTLET BOX WITH PUSH-PULL HANDLE ASSEMBLY**
[54] **BOITE POUR PRISE MURALE ENCASTREE DOTEE D'UNE POIGNEE**
[72] CONDON, DUANE R., US
[72] GHIGLIERI, BILL A., US
[72] HENNINGSEN, MARSHALL W., US
[73] LSP PRODUCTS GROUP, INC., US
[73] CONDON, DUANE R., US
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[54] **METAL SEAL RING AND CONDUIT DEVICE USING METAL SEAL RING**
[54] **BAGUE D'ETANCHEITE METALLIQUE ET DISPOSITIF DE CONDUITE UTILISANT LA BAGUE D'ETANCHEITE METALLIQUE**
[72] KOYANAGI, SATORU, JP
[72] OTSU, YUMIKO, JP
[73] TOKI ENGINEERING CO., LTD., JP
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[54] **SAMPLING CONTROL STATION FOR BOTTLES OR CONTAINERS FILLING PLANT**
[54] **POSTE DE CONTROLE D'ECHANTILLONNAGE DESTINE A UNE USINE DE REMPLISSAGE DE BOUTEILLES OU DE CONTENANTS**
[72] FORESTELLI, FABIO, IT
[72] CIRIO, ALBERTO, IT
[73] FT SYSTEM S.R.L., IT
[73] AROL S.P.A., IT
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[54] **A COMPONENT, ESPECIALLY A CONTROL ARM FOR A VEHICLE**
[54] **PIECE, EN PARTICULIER BRAS OSCILLANT POUR VEHICULE**
[72] LINDTNER, ERNST, AT
[72] SCHELLNEGGER, JOSEF, AT
[73] MAGNA INTERNATIONAL INC., CA
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[54] **OMNIDIRECTIONAL ACCELEROMETER DEVICE AND MEDICAL DEVICE INCORPORATING SAME**
[54] **DISPOSITIF DE TYPE ACCELEROMETRE OMNIDIRECTIONNEL ET DISPOSITIF MEDICAL L'INTEGRANT**
[72] YUDOVSKY, DMITRY, US
[72] HANSON, IAN B., US
[72] MOBERG, SHELDON B., US
[73] MEDTRONIC MINIMED, INC., US
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[54] **USE OF K2P POTASSIUM CHANNEL ACTIVATORS AS ANTALGICS**
[54] **UTILISATION D'ACTIVATEURS DE CANAUX POTASSIQUES K2P EN TANT QU'ANTALGIQUES**
[72] ESCHALIER, ALAIN, FR
[72] BUSSEROLLES, JEROME, FR
[72] ALLOUI, ABDELKRIM, FR
[72] LAZDUNSKI, MICHEL, FR
[73] UNIVERSITE D'AUVERGNE CLERMONT I, FR
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[54] **A SITTING ARRANGEMENT WITH RESILIENTLY BIASED TILTING SEAT**
[54] **UNE DISPOSITION D'ASSISE DOTEE D'UN SIEGE A BASCULE INCLINE DE MANIERE RESILIENTE**
[72] SOLHEIM, ALBERT, NO
[72] JARNES, WEBJOERN, NO
[73] EKORNES ASA, NO
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[72] VILLA, GIOVANNI, US
[72] KIBREAB, BEMNET, US
[73] VILLA, GIOVANNI, US
[73] KIBREAB, BEMNET, US
[85] 2012-03-28
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[25] EN
[54] **PROCESS FOR MANUFACTURING 2-[(3,5-DIFLUORO-3'-METHOXY-1,1'-BIPHENYL-4-YL)AMINO]NICOTINIC ACID**
[54] **PROCEDE DE FABRICATION D'ACIDE 2-[(3,5-DIFLUORO-3'-METHOXY-1,1'-BIPHENYL-4-YL)AMINO]NICOTINIQUE**
[72] BOIX BERNARDINI, MARIA CARMEN, ES
[73] ALMIRALL, S.A., ES
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[25] EN
[54] **SECURE AND EFFICIENT PAYMENT PROCESSING SYSTEM**
[54] **SYSTEME DE TRAITEMENT DE PAIEMENT SUR ET EFFICACE**
[72] KERESMAN, MICHAEL A., III, US
[72] BHAGAVATULA, RAVISHANKAR, US
[72] BALASUBRAMANIAN, CHANDRA, US
[72] SHERWIN, FRANCIS M., US
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[25] EN
[54] **FAILOVER AND RECOVERY FOR REPLICATED DATA INSTANCES**
[54] **BASCULEMENT ET RECUPERATION POUR DES INSTANCES DE DONNEES REPLIQUEES**
[72] MCALISTER, GRANT ALEXANDER MACDONALD, US
[72] SIVASUBRAMANIAN, SWAMINATHAN, US
[73] AMAZON TECHNOLOGIES, INC., US
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[54] **DEVICE FOR UNCOUPLING LOADED SHAFTS, FOR A POWER TRANSMISSION UNIT**
[54] **DISPOSITIF DE DESACCOUPLEMENT D'ARBRES EN CHARGE POUR BOITE DE TRANSMISSION DE PUISSANCE**
[72] ABOUSLEIMAN, VINCENT, FR
[72] CANARD, SYLVAIN, FR
[72] DEPERROIS, ANDRE RAYMOND CHRISTIAN, FR
[72] FRITZ, ROMARIC, FR
[73] HISPANO SUIZA, FR
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[25] EN
[54] **METHOD AND APPARATUS FOR ANALYSIS OF TURBID MEDIA VIA SINGLE-ELEMENT DETECTION USING STRUCTURED ILLUMINATION**
[54] **PROCEDE ET APPAREIL POUR ANALYSE DE MILIEUX TROUBLES PAR DETECTION MONO-ELEMENT EN UTILISANT UNE ILLUMINATION STRUCTUREE**
[72] CUCCIA, DAVID J., US
[73] MODULATED IMAGING, INC., US
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[54] **TAMPON POUR PATIENT POUR SALLE D'OPERATION**
[72] HUGHES, NOEL ROBERT, AU
[72] COPELAND, JOHN ROBERT, AU
[73] SURGIPOD PTY. LTD., AU
[85] 2012-05-28
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[54] **NON OZONE DEPLETING AND LOW GLOBAL WARMING POTENTIAL REFRIGERANTS FOR LOW TEMPERATURE REFRIGERATION**
[54] **REFRIGERANTS NON APPAUVRISSEURS D'OZONE ET A FAIBLE POTENTIEL DE RECHAUFFEMENT DU GLOBE POUR REFRIGERATION A BASSE TEMPERATURE**
[72] POOLE, JOHN EDWARD, GB
[72] POWELL, RICHARD, GB
[73] RPL HOLDINGS LIMITED, GB
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[54] **METHODS AND SYSTEMS FOR DISPERSING DECONTAMINATION PRODUCTS**
[54] **METHODES ET SYSTEMES DE DISPERSION DE PRODUITS DE DECONTAMINATION**
[72] PARK, SHAWN HYUNSOO, US
[72] SHEAHAN, JAMES J., JR., US
[72] MORRIS, CHARLES F., US
[73] THE BOEING COMPANY, US
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[25] EN
[54] **AUTOMATED DEVICE PROVISIONING AND ACTIVATION**
[54] **MISE A DISPOSITION ET ACTIVATION D'UN DISPOSITIF AUTOMATISEES**
[72] RALEIGH, GREGORY G., US
[73] HEADWATER RESEARCH LLC, US
[85] 2012-07-11
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[30] US (61/206,944) 2009-02-04
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[54] **ILLUMINATED NAVIGATION MODULE**
[54] **MODULE DE NAVIGATION ILLUMINE**
[72] RAMRATTAN, COLIN SHIVA, CA
[72] LOWLES, ROBERT JAMES, CA
[73] BLACKBERRY LIMITED, CA
[86] (2787595)
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[54] **CABLE DE TRANSPORT D'ENERGIE**
[72] PEREGO, GABRIELE, IT
[72] BELLI, SERGIO, IT
[73] PRYSMIAN S.P.A., IT
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[54] **PIPE SEALING TOOL WITH EXTERNAL AND INTERNAL CLAMP**
[54] **OUTIL D'OBTURATION HERMETIQUE DE TUYAU ET COLLIER DE FIXATION INTERNE**
[72] CARSON, GLENN, CA
[73] CAR-BER INVESTMENTS INC., CA
[85] 2012-08-30
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[54] **PROCEDE PERMETTANT DE CONSTRUIRE DES FONDATIONS**
[72] OELLGAARD, BOERGE, DK
[73] VESTAS WIND SYSTEMS A/S, DK
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[25] EN
[54] **MAINTAINING CONTEXT INFORMATION BETWEEN USER INTERACTIONS WITH A VOICE ASSISTANT**
[54] **MAINTIEN DE L'INFORMATION DE CONTEXTE ENTRE DES INTERACTIONS UTILISATEURS AVEC UN ASSISTANT VOCAL**
[72] CHEYER, ADAM JOHN, US
[72] GUZZONI, DIDIER RENE, US
[72] GRUBER, THOMAS ROBERT, US
[72] BRIGHAM, CHRISTOPHER DEAN, US
[72] KITTLAUS, DAG, US
[73] APPLE INC., US
[86] (2793118)
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[54] **METHOD FOR THE CATALYTIC REMOVAL OF CARBON DIOXIDE AND SULPHUR DIOXIDE FROM WASTE GASES**
[54] **PROCEDE D'ELIMINATION CATALYTIQUE DE DIOXYDE DE CARBONE ET DE DIOXYDE DE SOUFRE DE GAZ D'ECHAPPEMENT**
[72] STRICKROTH, ALAIN, LU
[73] CPPE CARBON PROCESS & PLANT ENGINEERING S.A., LU
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[54] **TRACTION DEVICE AND METHOD FOR PAYING OUT AND RETRIEVING A FLEXIBLE LINE**
[54] **DISPOSITIF DE TRACTION ET PROCEDE POUR DEROULER ET RECUPERER UNE LIGNE SOUPLE**
[72] BALDER, THOMAS, NL
[72] VAN ZANDWIJK, CORNELIS, NL
[72] BENARD, CORNELIS, NL
[73] HEEREMA MARINE CONTRACTORS NEDERLAND SE, NL
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[54] **A METHOD AND A SYSTEM FOR DETERMINING LOCATION PROPERTIES OF AN EMITTER**
[54] **PROCEDE ET SYSTEME POUR DETERMINER LES PROPRIETES D'EMPLACEMENT D'UN EMETTEUR**
[72] MAOR, AMNON MENASHE, IL
[73] ELBIT SYSTEMS EW AND SIGINT - ELISRA LTD., IL
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[72] DOUSSET, DAVID, CA
[72] CLAUDE, STEPHANE, CA
[73] NATIONAL RESEARCH COUNCIL OF CANADA, CA
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[25] EN
[54] **FIREARM BORE CLEANING DEVICE**
[54] **DISPOSITIF DE NETTOYAGE DE L'AME D'UNE ARME A FEU**
[72] ROGERS, WILLIAM H., US
[72] MCKENDRICK, MATTHEW E., US
[73] SAFARILAND, LLC, US
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[51] **Int.Cl. A61F 2/02 (2006.01)**
[25] FR
[54] **BAG FOR FORMING AN IMPLANTABLE ARTIFICIAL ORGAN**
[54] **POCHE POUR FORMER UN ORGANE ARTIFICIEL IMPLANTABLE**
[72] PIRANDA, SERGE, FR
[73] STATICE SANTE, FR
[85] 2013-01-07
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[25] EN
[54] **CONTROL OF ZEBRA MUSSELS IN CLOSED SERVICE WATER SYSTEMS**
[54] **LUTTE CONTRE LES MOULES ZEBREES DANS DES SYSTEMES D'EAU DE SERVICE FERMES**
[72] SFERRAZZA, CARMELO, CA
[73] ASI GROUP LTD., CA
[86] (2804862)
[87] (2804862)
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[54] **IMPLANT CHIRURGICAL**
[72] KLOSS, HENNING, CH
[73] PRIVELOP-SPINE AG, CH
[85] 2013-01-16
[86] 2011-07-25 (PCT/EP2011/003715)
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[30] DE (10 2011 014 809.4) 2011-03-20

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[25] EN
[54] **IMPROVED IMPELLER ATTACHMENT METHOD**
[54] **PROCEDE AMELIORE D'ATTACHEMENT D'IMPULSEUR**
[72] PADDOCK, DOUGLAS, US
[73] ITT MANUFACTURING ENTERPRISES LLC, US
[85] 2013-01-18
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[25] EN
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[54] **DISTRIBUTION DE PUISSANCE REDONDANTE PARALLELE**
[72] PACHOUD, WILLIAM, US
[72] CHAPEL, STEVE, US
[73] ZONIT STRUCTURED SOLUTIONS LLC, US
[85] 2013-02-08
[86] 2011-08-11 (PCT/US2011/047496)
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[30] US (61/372,756) 2010-08-11
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[54] **WALL CLADDING SYSTEM**
[54] **SYSTEME DE REVETEMENT MURAL**
[72] EISENKREIN, KEITH R., CA
[73] EISENKREIN, KEITH R., CA
[86] (2808163)
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[22] 2013-03-06
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[54] **SYSTEMS AND METHODS FOR RESETTING PHOTOCONDUCTIVE X-RAY IMAGING DETECTORS**
[54] **SYSTEMES ET PROCEDES POUR REINITIALISER DES DETECTEURS PHOTOCONDUCTEURS D'IMAGERIE A RAYONS X**
[72] ROWLANDS, JOHN, CA
[72] DECRESCENZO, GIOVANNI, CA
[72] POKHREL, CHANDRA, CA
[72] REZNIK, ALLA, CA
[73] THUNDER BAY REGIONAL HEALTH RESEARCH INSTITUTE, CA
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[54] **MATURATION DU TUBE DIGESTIF**
[72] PIERZYNOWSKI, STEFAN, SE
[72] PRYKHODKO, OLENA, SE
[72] WESTROM, BJORN, SE
[73] ANARA AB, SE
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[54] **A STORM WATER FILTER AND COMPONENTS THEREOF AND METHODS OF INSTALLATION AND USE**
[54] **FILTRE D'EAUX DE PLUIE ET SES COMPOSANTS ET PROCEDES D'INSTALLATION ET D'UTILISATION**
[72] HANNAH, MICHAEL MORTON, NZ
[72] YEOMAN, GREGORY PAUL, NZ
[72] LAWFORD, GARY JOHN, NZ
[72] VIGAR, NICHOLAS ALAN, NZ
[73] EHL LIMITED, NZ
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[54] **A SINGLE SOLVENT METHOD AND MACHINE FOR SEPARATING BITUMEN FROM OIL SAND**
[54] **UNE METHODE A SOLVANT UNIQUE ET UNE MACHINE DE SEPARATION DU BITUME DES SABLES BITUMINEUX**
[72] FLEGAL, MICHAEL JAMES, CA
[73] FLEGAL, MICHAEL JAMES, CA
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[54] **METHOD FOR MAKING FIRE RETARDANT MATERIALS AND RELATED PRODUCTS**
[54] **PROCEDE DE REALISATION DE MATERIAUX IGNIFUGES ET PRODUITS CORRESPONDANTS**
[72] MUNSON, RICHARD W., US
[72] GAGNON, GERARD A., US
[72] THOMPSON, DANIEL H., JR., US
[72] KELLY, MICHAEL T., US
[72] HUPPER, ROBERT A., US
[72] BILODEAU, MICHAEL A., US
[72] PARADIS, MARK A., US
[73] UNIVERSITY OF MAINE SYSTEM BOARD OF TRUSTEES, US
[73] ULTRACELL INSULATION, LLC, US
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[54] **RESIDENTIAL/ENTERPRISE NETWORK CONNECTION MANAGEMENT AND CSFB SCENARIOS**
[54] **GESTION DE CONNEXION DE RESEAU RESIDENTIEL/D'ENTREPRISE ET SCENARIOS DE REPLI A COMMUTATION DE CIRCUITS (CSFB)**
[72] CHIN, CHEN HO, BE
[72] CHOI, NOUN, US
[72] FACCIN, STEFANO, US
[73] BLACKBERRY LIMITED, CA
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[54] **METHOD FOR HYDROTREATING HEAVY HYDROCARBON FEEDSTOCKS USING PERMUTABLE REACTORS, INCLUDING AT LEAST ONE STEP OF GRADUAL PERMUTATION**
[54] **PROCEDE D'HYDROTRAITEMENT DE CHARGES LOURDES D'HYDROCARBURES AVEC DES REACTEURS PERMUTABLES INCLUANT AU MOINS UNE ETAPE DE PERMUTATION PROGRESSIVE**
[72] BAZER-BACHI, FREDERIC, FR
[72] DIGNE, MATHIEU, FR
[72] VERSTRAETE, JAN, FR
[72] MARCHAL, NICOLAS, FR
[72] PLAIN, CECILE, FR
[73] IFP ENERGIES NOUVELLES, FR
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[54] **SYSTEMES ET PROCEDES POUR UNE ASSOCIATION IMAGE-TEXTE ET TEXTE-IMAGE**
[72] TAIGMAN, YANIV, IL
[72] HIRSCH, GIL, IL
[72] SHOCHAT, EDEN, IL
[73] FACEBOOK, INC., US
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[86] 2011-03-31 (PCT/IL2011/000287)
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[54] **METHOD FOR IMPLEMENTING A DIGITAL GATE ENABLED MULTI-PLAYER LOTTERY GAME**
[54] **PROCEDE DE MISE EN ŒUVRE D'UN JEU DE LOTERIE MULTI-JOUEURS ACTIVE PAR PORTAIL NUMERIQUE**
[72] STANEK, EDWARD J., US
[72] IRWIN, KENNETH EARL, JR., US
[72] HILL, AMY, US
[73] SCIENTIFIC GAMES HOLDINGS LIMITED, IE
[85] 2013-08-02
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[54] **BICYCLE SADDLE**
[54] **SELLE DE BICYCLETTE**
[72] RIONDATO, FRANCESCO, IT
[73] SELLE SMP SAS DI MAURIZIO SCHIAVON, IT
[85] 2013-08-12
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[54] **BLENDING COLOR AND CONTROL MANAGEMENT SYSTEM**
[54] **SYSTEME DE GESTION DE MELANGE DE COULEURS ET DE CONTROLE**
[72] SARANOW, MITCHELL, US
[72] WRIGHT, MICHAEL, US
[73] SURETINT TECHNOLOGIES, LLC, US
[85] 2013-08-12
[86] 2012-02-14 (PCT/US2012/024980)
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[54] **IGNITION DEVICE, INTERNAL COMBUSTION ENGINE, IGNITION PLUG, PLASMA APPARATUS, EXHAUST GAS DECOMPOSITION APPARATUS, OZONE GENERATION/STERILIZATION/DISINFECTION APPARATUS, AND DEODORIZATION APPARATUS**
[54] **DISPOSITIF D'ALLUMAGE, MOTEUR A COMBUSTION INTERNE, BOUGIE D'ALLUMAGE, APPAREIL A PLASMA, APPAREIL DE DECOMPOSITION DE GAZ D'ECHAPPEMENT, APPAREIL DE GENERATION/STERILISATION/DESINFECTION D'OZONE ET APPAREIL DE DESODORISATION**
[72] IKEDA, YUJI, JP
[73] IMAGINEERING, INC., JP
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[25] EN
[54] **PERMANENT MAGNET TYPE CYLINDRICAL MOLTEN-METAL AGITATOR AND MELTING FURNACE WITH PERMANENT MAGNET TYPE SUCTION PUMP**
[54] **AGITATEUR DE METAL FONDU CYLINDRIQUE DE TYPE A AIMANT PERMANENT ET FOUR DE FUSION AVEC POMPE D'ASPIRATION DE TYPE A AIMANT PERMANENT**
[72] TAKAHASHI, KENZO, JP
[73] TAKAHASHI, KENZO, JP
[85] 2013-10-29
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[51] **Int.Cl. H04W 52/02 (2009.01) A61N 1/08 (2006.01) A61N 1/372 (2006.01)**
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[54] **POWER EFFICIENT WIRELESS RF COMMUNICATION BETWEEN A BASE STATION AND A MEDICAL DEVICE**
[54] **COMMUNICATION HF SANS FIL A FAIBLE CONSOMMATION D'ENERGIE ENTRE UNE STATION DE BASE ET UN DISPOSITIF MEDICAL**
[72] PIXLEY, APRIL C., US
[72] CAMPBELL, CARY WR, US
[72] BRANDON, STEVEN T., US
[73] SPINAL MODULATION, INC., US
[85] 2013-10-02
[86] 2012-04-04 (PCT/US2012/032197)
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[25] EN
[54] **DEVICE FOR TRANSVERSELY SUPPORTING A LONGITUDINAL TEST TUBE, AND EQUIPMENT FOR DETERMINING THE MECHANICAL BENDING PROPERTIES OF SUCH A TEST TUBE**
[54] **DISPOSITIF DE MAINTIEN TRANSVERSAL D'UNE EPROUVETTE LONGITUDINALE ET APPAREILLAGE POUR LA CARACTERISATION MECANIQUE EN FLEXION D'UNE TELLE EPROUVETTE**
[72] NEGRO, MANUEL, FR
[72] COMBES, VICTOR, FR
[72] HUQUET, LAURENT, FR
[72] HELL, MARC, FR
[73] AIRBUS OPERATIONS (S.A.S.), FR
[85] 2013-11-26
[86] 2012-06-15 (PCT/EP2012/061467)
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[25] EN
[54] **REINFORCED FABRIC FOR SUBSTITUTION OF VINYL AND ITS MANUFACTURING METHOD**
[54] **TISSU RENFORCE POUR SUBSTITUTION DE VINYLE ET SON PROCEDE DE FABRICATION**
[72] BAEK, GEON YONG, KR
[73] BAEK, GEON YONG, KR
[86] (2839789)
[87] (2839789)
[22] 2014-01-21
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[25] EN
[54] **SOUND FIELD ENCODER**
[54] **CODEUR DE CHAMP SONORE**
[72] NEUFELD, LEONA ARLENE, CA
[72] HETHERINGTON, PHILIP ALAN, CA
[73] 2236008 ONTARIO INC., CA
[86] (2840674)
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[54] **ARRANGEMENT FOR EXTRACTING ENERGY FROM FLOWING LIQUID**
[54] **AGENCEMENT POUR EXTRAIRE DE L'ENERGIE A PARTIR D'UN LIQUIDE EN ECOULEMENT**
[72] TRAYNER, ANTHONY, GB
[72] SYVERTSEN, SAM, NO
[72] BRATTEKAS, JON INGE, NO
[72] EIELSEN, JAN INGE, NO
[73] FLUMILL AS, NO
[85] 2013-12-20
[86] 2011-07-04 (PCT/NO2011/000190)
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[25] EN
[54] **PALATABILITY ENHANCERS COMPRISING FREE AMINO ACIDS FOR USE IN PET FOODS**
[54] **EXHAUSTEURS DE GOUT COMPRENANT DES ACIDES AMINES LIBRES DESTINES A ETRE UTILISES DANS L'ALIMENTATION POUR ANIMAUX DE COMPAGNIE**
[72] NICERON, CECILE, FR
[72] LEVESQUE, ANNE, FR
[72] MICHEL-SALAUN, FRANCOISE, FR
[73] SPECIALITES PET FOOD, FR
[85] 2014-01-09
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[30] US (61/506,932) 2011-07-12

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[51] **Int.Cl. E21B 33/12 (2006.01)**
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[54] **APPARATUS AND METHOD OF ZONAL ISOLATION IN A WELLBORE USING EXPANDABLE PACKERS**
[54] **APPAREIL ET METHODE D'ISOLATION ZONALE DANS UN TROU DE FORAGE A L'AIDE DE GARNITURES EXTENSIBLES**
[72] RING, LEV, US
[72] GANDIKOTA, VARADARAJU, US
[73] WEATHERFORD TECHNOLOGY HOLDINGS, LLC, US
[85] 2014-01-15
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[54] **GASIFICATION SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE GAZEIFICATION**
[72] JIANG, WEIBIN, US
[72] MCCOMISH, BRUCE, US
[72] BORUM, BRYAN C., US
[72] CARRYER, BENJAMIN, US
[72] IBSEN, MARK, US
[72] ROBERTSON, MARK, US
[72] ELROD, ERIC, US
[72] WEEKS, SIM, US
[72] WRIGHT, HAROLD A., US
[73] RES USA, LLC, US
[85] 2014-01-15
[86] 2012-07-27 (PCT/US2012/048719)
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[25] EN
[54] **PRINTING ON FLAT SURFACES HAVING PREDICTABLE IRREGULARITIES, SUCH AS BLISTER PACKAGING**
[54] **IMPRESSION SUR DES SURFACES PLATES COMPORTANT DES IRREGULARITES PREVISIBLES, COMME DES EMBALLAGES-COQUES**
[72] STEVENS, GERARD, AU
[73] MANREX PTY. LTD., AU
[85] 2014-01-31
[86] 2012-07-18 (PCT/AU2012/000860)
[87] (WO2013/016757)
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[54] **AUTOMATION OF D-BUS COMMUNICATION TESTING FOR BLUETOOTH PROFILES**
[54] **AUTOMATISATION D'ESSAI DE COMMUNICATION D-BUS POUR PROFILS BLUETOOTH**
[72] RAJAGOPAL, VIDYA, IN
[72] NAIDU, DIVYA KILARI CHANDRABABU, IN
[72] GRACE, MARIN, IN
[72] KUDVA, SUDHIR, IN
[73] ACCENTURE GLOBAL SERVICES LIMITED, IE
[86] (2846069)
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[54] **DUAL PURPOSE OBSERVATION AND PRODUCTION WELL**
[54] **PUITS D'OBSERVATION ET DE PRODUCTION A DOUBLE USAGE**
[72] AL-AJAJI, ABDULAZIZ A., SA
[72] AL-AJMI, FAHAD A., SA
[72] KANFAR, MOHAMMAD S., SA
[73] SAUDI ARABIAN OIL COMPANY, SA
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[54] **METHOD AND APPARATUS FOR COOLING GAS TURBINE ROTOR BLADES**
[54] **PROCEDE ET APPAREIL POUR REFROIDIR LES AUBES D'UN ROTOR DE TURBINE A GAZ**
[72] MOLTER, STEVE MARK, US
[72] BRASSFIELD, STEVEN ROBERT, US
[72] JENDRIX, RICHARD WILLIAM, US
[72] WILLIAMS, CORY MICHAEL, US
[72] WENSTRUP, RENEE SOLOMON, US
[72] MARUSKO, MARK WILLARD, US
[72] STEGEMILLER, MARK EDWARD, US
[73] GENERAL ELECTRIC COMPANY, US
[85] 2014-03-14
[86] 2012-09-11 (PCT/US2012/054563)
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[25] EN
[54] **TRANSFERRIN-TUMSTATIN FUSION PROTEIN AND METHODS FOR PRODUCING AND USING THE SAME**
[54] **PROTEINE DE FUSION A BASE DE TRANSFERRINE ET DE TUMSTATINE ET PROCEDES DE PRODUCTION ET D'UTILISATION ASSOCIES**
[72] KOMPELLA, UDAY B., US
[72] SCHEINMAN, ROBERT I., US
[72] TYAGI, PUNEET, US
[73] THE REGENTS OF THE UNIVERSITY OF COLORADO, A BODY CORPORATE, US
[85] 2014-03-17
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[54] **FLUID FILTERING DEVICE FOR A WELLBORE AND METHOD FOR COMPLETING A WELLBORE**
[54] **DISPOSITIF DE FILTRATION DE FLUIDE POUR UN PUITS DE FORAGE ET PROCEDE POUR ACHEVER UN PUITS DE FORAGE**
[72] YEH, CHARLES S., US
[72] MOFFETT, TRACY J., US
[72] LONG, TED A., US
[72] TROSHKO, ANDREY A., US
[72] BARRY, MICHAEL D., US
[72] HECKER, MICHAEL T., US
[72] HOWELL, DAVID A., US
[72] GREEN, ANNABEL, GB
[72] MCNAMEE, STEPHEN, IE
[72] ROYER, RODNEY S., US
[72] HODGE, ROBERT F., US
[72] OLENICK, PETER, US
[72] NGUYEN, HENRY, US
[72] FISHER, WILLIAM B., US
[73] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US
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[54] **RAZOR HANDLE WITH A ROTATABLE PORTION**
[54] **MANCHE DE RASOIR COMPRENANT UNE PARTIE ROTATIVE**
[72] MURGIDA, MATTHEW FRANK, US
[72] BRUNO, MICHAEL HAL, US
[72] PATEL, ASHOK BAKUL, US
[72] CUSACK, JESSY LEE, US
[73] THE GILLETTE COMPANY LLC, US
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[54] **MATERIAL COMPOSITIONS FOR SENSORS FOR DETERMINATION OF CHEMICAL SPECIES AT TRACE CONCENTRATIONS AND METHOD OF USING SENSORS**
[54] **COMPOSITIONS A BASE DE MATERIAUX POUR CAPTEURS POUR LA DETERMINATION D'ESPECES CHIMIQUES A DES CONCENTRATIONS A L'ETAT DE TRACES ET PROCEDE D'UTILISATION DE CAPTEURS**
[72] POTYRAILO, RADISLAV A., US
[72] SIVAVEC, TIMOTHY M., US
[72] XIAO, CAIBIN, US
[72] CECCONIE, THEODORE J., US
[72] HASSIB, LAMYAA, US
[72] LEACH, ANDREW M., US
[72] ENGEL, DAVID B., US
[73] GENERAL ELECTRIC COMPANY, US
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[22] 2006-10-20
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[25] EN
[54] **APPARATUS AND METHODS FOR EXTENDED HYBRID LAMINAR FLOW CONTROL**
[54] **APPAREIL ET PROCEDES POUR REGULATION DE FLUX LAMINAIRE HYBRIDE ALLONGE**
[72] RUPP, PETER L., US
[72] PARIKH, PRADIP G., US
[72] NG, LIAN L., US
[72] VIJGEN, PAUL M., US
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[54] **APPAREIL DE SUPPORT DE PALIERS EN SERIE POUR UN MOTEUR DE TURBINE A GAZ**
[72] DO, KEVIN MICHAEL, US
[72] SEPPALA, BENJAMIN JOHANNES, US
[72] KERRY, DAVID GARRY, US
[73] GENERAL ELECTRIC COMPANY, US
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[54] **FERMETURE D'EXTREMITE DE RECIPIENT METALLIQUE MISE A L'AIR LIBRE**
[72] JACOBER, MARK A., US
[72] CHASTEEN, HOWARD C., US
[73] BALL CORPORATION, US
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[54] **CLE DYNAMOMETRIQUE ANTICHOC**
[72] LEE, NATHAN J., US
[72] OLSON, JONATHAN J., US
[72] PHIPPS, DANIEL A., US
[72] REINECKER, GREGORY E., US
[72] KALTENBACH, PETER A.., US
[73] SNAP-ON INCORPORATED, US
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[54] **SYSTEM AND METHOD FOR COLOR PREPARATION AND MANAGEMENT**
[54] **SYSTEME ET PROCEDE DE PREPARATION ET DE GESTION DE COULEUR**
[72] SARANOW, MITCHELL H., US
[72] BARAN, MARK, US
[72] WRIGHT, MICHAEL, US
[72] RYGIEL, JOE, US
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[73] SURETINT TECHNOLOGIES, LLC, US
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[54] **METAL-OXIDE-SEMICONDUCTOR (MOS) DEVICES WITH INCREASED CHANNEL PERIPHERY AND METHODS OF MANUFACTURE**
[54] **DISPOSITIFS A SEMI-CONDUCTEURS D'OXYDE DE METAL (MOS) AVEC PERIPHERIE DE CANAL ACCRUE ET PROCEDES DE FABRICATION**
[72] BOLOTNIKOV, ALEXANDER VIKTOROVICH, US
[72] LOSEE, PETER ALMERN, US
[73] GENERAL ELECTRIC COMPANY, US
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[87] (2855324)
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[54] **HAIR CARE COMPOSITIONS**
[54] **COMPOSITIONS POUR SOINS CAPILLAIRES**
[72] MARSH, JENNIFER MARY, US
[72] HUTTON, HOWARD DAVID, III, US
[72] DOYLE, KEVIN LEE, US
[72] HILVERT, JENNIFER ELAINE, US
[73] THE PROCTER & GAMBLE COMPANY, US
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[54] **SYSTEM AND METHOD FOR VARIABLE DEPTH ULTRASOUND TREATMENT**
[54] **SYSTEME ET PROCEDE DE TRAITEMENT PAR ULTRASONS A PROFONDEUR VARIABLE**
[72] BARTHE, PETER G., US
[72] SLAYTON, MICHAEL H., US
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[54] **SYSTEM AND METHOD FOR TREATING A FRACTURED BONE**
[54] **SYSTEME ET METHODE DE TRAITEMENT D'UN OS FRACTURE**
[72] MEDOFF, ROBERT, US
[73] TRIMED, INCORPORATED, US
[85] 2014-09-05
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[54] **FORMATION OF CONJUGATED PROTEIN BY ELECTROSPINNING**
[54] **FORMATION D'UNE PROTEINE CONJUGUEE PAR FILAGE ELECTROSTATIQUE**
[72] BAIER, STEFAN, US
[72] GIVEN, PETER, US
[72] KANJANAPONGKUL, KOBSAK, TH
[72] WEISS, JOCHEN, DE
[73] PEPSICO, INC., US
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[72] HON, LIK, CN
[73] FONTEM HOLDINGS 1 B.V., NL
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[25] EN
[54] **VAGINAL REMODELING DEVICE AND METHOD**
[54] **DISPOSITIF ET PROCEDE DE REMODELAGE VAGINAL**
[72] GALEN, DONALD L., US
[72] JACKSON, JEROME, US
[72] LOPEZ, STEVEN MARC, US
[72] MEIROSE, RUSSELL, US
[72] SMITH, IAN F., US
[72] YAMANOOR, SRIHARI, US
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[54] **ESTERS UTILISES COMME FLUIDES DE REFROIDISSEMENT ET DIELECTRIQUES LIQUIDES POUR DES TRANSFORMATEURS**
[72] METZGER, JURGEN O., DE
[72] LUTHER, ROLF, DE
[72] ROBBEN, ANGELA, DE
[72] KRAFT, GUNTHER, DE
[73] FUCHS PETROLUB SE, DE
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[54] **USURE REDUITE DES TUYAUX DANS DES PIPELINES DE TRANSPORT DE BOUES**
[72] REVEGA, TIM, CA
[72] REID, KEVIN, CA
[72] CHIOVELLI, STEFANO, CA
[73] SYNCRUDE CANADA LTD. IN TRUST FOR THE OWNERS OF THE SYNCRUDE PROJECT, AS SUCH OWNERS EXIST NOW AND IN THE FUTURE, CA
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[25] EN
[54] **DOMINANT GENE SUPPRESSION TRANSGENES AND METHODS OF USING SAME**
[54] **TRANSGENES DE SUPPRESSION DE GENE DOMINANT ET LEURS PROCEDES D'UTILISATION**
[72] CIGAN, ANDREW M., US
[72] FOX, TIMOTHY W., US
[72] HERSHEY, HOWARD P., US
[72] UNGER, ERICA, US
[72] WU, YONGZHONG, US
[73] PIONEER HI-BRED INTERNATIONAL, INC., US
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[54] **TRANSPORTATION OF FLOCCULATED TAILINGS IN A PIPELINE**
[54] **TRANSPORT DE RESIDUS FLOCULES DANS UN PIPELINE**
[72] BARA, BARRY, CA
[72] MIKULA, RANDY, CA
[72] GOMEZ, CLARA, CA
[72] KIEL, DARWIN, CA
[72] DELFEL, SEAN, CA
[73] SYNCRUDE CANADA LTD., CA
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[54] **SYSTEMS AND METHODS FOR AUTHENTICATING AND AIDING IN INDEXING OF AND SEARCHING FOR ELECTRONIC FILES**
[54] **SYSTEMES ET PROCEDES D'AUTHENTIFICATION ET D'AIDE A L'INDEXATION ET A LA RECHERCHE DE FICHIERS ELECTRONIQUES**
[72] PENNEFATHER, PETER, CA
[72] SUHANIC, WEST, CA
[73] GDIAL INC., CA
[85] 2014-11-17
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[54] **BATTERY CONTROL AND PROTECTIVE ELEMENT VALIDATION METHOD**
[54] **PROCEDE DE VERIFICATION DE BATTERIE ET DE VALIDATION D'ELEMENTS DE PROTECTION**
[72] GHODE, ANIL P., US
[72] BECKER, THOMAS P., US
[72] HERRES, DONALD, US
[73] SNAP-ON INCORPORATED, US
[85] 2014-12-11
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[54] **ECHELLE EXTENSIBLE /RETRACTABLE**
[72] KIEFFER, MITCHELL L., US
[72] CALDWELL, ALLEN A., US
[72] SCHLUETER, NATHAN L., US
[72] DECKER, MATTHEW J., US
[73] CORE DISTRIBUTION, INC., US
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[25] EN
[54] **TUNABLE OPTICAL FILTER, TUNABLE OPTICAL COMPONENT, AND MULTI-WAVELENGTH PASSIVE OPTICAL NETWORK SYSTEM**
[54] **FILTRE OPTIQUE ACCORDABLE, ENSEMBLE OPTIQUE ACCORDABLE ET SYSTEME DE RESEAU OPTIQUE PASSIF A MULTIPLES LONGUEURS D'ONDE**
[72] YE, FEI, CN
[72] GAO, JIANHE, CN
[72] YAN, XUEJIN, CN
[73] HUAWEI TECHNOLOGIES CO., LTD., CN
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[54] **LINEAR MOTOR AND ELECTRIC DEVICE WITH LINEAR MOTOR**
[54] **MOTEUR LINEAIRE ET DISPOSITIF ELECTRIQUE A MOTEUR LINEAIRE**
[72] SCHOBER, UWE, DE
[72] ZIEGLER, FRANK, DE
[72] SCHAEFER, ROBERT, DE
[73] BRAUN GMBH, DE
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[86] 2013-07-11 (PCT/IB2013/055708)
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[54] **MINING CABLE COUPLERS**
[54] **COUPLEURS DE CABLES D'EXPLOITATION MINIERE**
[72] SPALDING, MATTHEW, US
[73] TYCO ELECTRONICS CORPORATION, US
[85] 2015-01-09
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[30] US (61/671,246) 2012-07-13
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[54] **ACTIVE CLEARANCE CONTROL SYSTEM**
[54] **SYSTEME DE CONTROLE ACTIF DES JEUX**
[72] SCHIMMELS, SCOTT ALAN, US
[72] FUSINATO, DANIEL JOHN, US
[72] GLESSNER, JOHN CARL, US
[72] MIRKOVICH, DAN NICHOLAS, US
[72] PROCTOR, ROBERT, US
[73] GENERAL ELECTRIC COMPANY, US
[85] 2015-01-15
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[25] EN
[54] **BUCKLE JOINT FOR SPLIT FAIRING OF A GAS TURBINE ENGINE**
[54] **JOINTURE DE BOUCLE POUR UN CARENAGE DIVISE D'UN MOTEUR A TURBINE A GAZ**
[72] DREISCHARF, DEREK THOMAS, US
[72] RYCZEK, SCOTT PATRICK, US
[73] GENERAL ELECTRIC COMPANY, US
[85] 2015-01-29
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[54] **DECISION FEEDBACK EQUALIZER AND TRANSCEIVER**
[54] **EMETTEUR-RECEPTEUR ET CORRECTEUR D'AFFAIBLISSEMENT A RETOUR DE DECISION**
[72] ABDALLA, MOHAMED, CA
[72] REZAYEE, AFSHIN, CA
[72] CASSAN, DAVID, CA
[72] VAN IERSSEL, MARCUS, CA
[72] HOLDENRIED, CHRIS, CA
[72] SADR, SAMAN, CA
[73] RAMBUS CANADA INC., CA
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[25] EN
[54] **AUTOMATIC INJECTION DEVICE WITH NEEDLE SYRINGE AND PLUNGER WITH PRONGS RELEASABLY CONNECTED TO LATCHING ELEMENT IN HOUSING**
[54] **DISPOSITIF D'INJECTION AUTOMATIQUE AU MOYEN D'UNE SERINGUE A AIGUILLE ET D'UN PISTON DOTE DE PATTES RELIEES DE MANIERE AMOVIBLE A UN ELEMENT DE LOQUET DANS LE LOGEMENT**
[72] ADAMS, MATTHEW ROBERT, US
[72] FOURT, JESSE ARNOLD, US
[72] KAPLAN, JONATHAN L., US
[72] SILBERSCHATZ, PAUL JOSEPH, US
[72] YURCHENCO, JAMES R., US
[73] ELI LILLY AND COMPANY, US
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[25] EN
[54] **BREAK AWAY DASH PANEL**
[54] **TABLEAU DE BORD A RUPTURE**
[72] LAVERE, MICHAEL J., US
[72] CRUME, BRUCE A., US
[72] SILER, STEVEN R., US
[73] SPARTAN MOTORS, INC., US
[85] 2015-02-17
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[54] **METHODS AND APPARATUS TO DETERMINE A POSITION USING LIGHT SOURCES**
[54] **METHODE ET APPAREIL SERVANT A DETERMINER UNE POSITION A L'AIDE DE SOURCES LUMINEUSES**
[72] JONES, RICHARD DONOVAN, US
[72] BREKKE, DARIN W., US
[72] CLINGMAN, DAN J., US
[73] THE BOEING COMPANY, US
[86] (2883032)
[87] (2883032)
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[54] **COMPENSATING DRIVE NUT ASSEMBLY**
[54] **ENSEMBLE A ECROU DE COMMANDE DE COMPENSATION**
[72] CONNOLLY, JOHN MAXWELL, CA
[73] RAYTHEON COMPANY, US
[85] 2015-02-25
[86] 2013-07-26 (PCT/US2013/052221)
[87] (WO2014/099041)
[30] US (61/740,184) 2012-12-20

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[25] EN
[54] **SURGICAL STAPLE WITH AUGMENTED COMPRESSION AREA**
[54] **AGRAFE CHIRURGICALE AVEC ZONE DE COMPRESSION ACCRUE**
[72] SOLTZ, MICHAEL, US
[72] SNIFFIN, KEVIN, US
[72] BROOM, JENNIFER, US
[72] HOLSTEN, HENRY E., US
[73] TYCO HEALTHCARE GROUP LP, US
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[25] EN
[54] **SYSTEMS AND METHODS FOR MEASURING AN INTERFACE LEVEL IN A MULTI-PHASE FLUID COMPOSITION**
[54] **SYSTEMES ET PROCEDES DE MESURE DE NIVEAU D'INTERFACE DANS UNE COMPOSITION DE FLUIDE MULTI-PHASE**
[72] MORRIS, WILLIAM GUY, US
[72] SURMAN, CHERYL MARGARET, US
[72] POTYRAILO, RADISLAV A., US
[72] GO, STEVEN, US
[72] PLATT, WILLIAM CHESTER, US
[72] DIERINGER, JON ALBERT, US
[73] GENERAL ELECTRIC COMPANY, US
[85] 2015-03-19
[86] 2013-09-10 (PCT/US2013/058898)
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[30] US (13/630,739) 2012-09-28

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[51] **Int.Cl. H04L 12/813 (2013.01) H04L 12/867 (2013.01) H04L 12/927 (2013.01)**
[25] EN
[54] **REGULATING CONTENT STREAMS FROM A WEIGHTED FAIR QUEUING SCHEDULER USING WEIGHTS DEFINED FOR USER EQUIPMENT NODES**
[54] **REGULATION DE FLUX DE CONTENU PROVENANT D'UN ORDONNANCEUR DE MISE EN FILE D'ATTENTE EQUITABLE PONDEREE UTILISANT DES POIDS DEFINIS POUR DES NŒUDS D'EQUIPEMENT UTILISATEUR**
[72] DASHER, CHARLES, US
[72] FORSMAN, BOB, US
[72] PHILLIPS, CHRIS, US
[72] REYNOLDS, JENNIFER, US
[73] ERICSSON AB, SE
[85] 2015-03-26
[86] 2013-07-24 (PCT/IB2013/056077)
[87] (WO2014/033565)
[30] US (13/597,333) 2012-08-29

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[51] **Int.Cl. B26D 1/36 (2006.01) B26D 1/62 (2006.01) B26D 3/26 (2006.01)**
[25] EN
[54] **CROSS-CUT DEVICE FOR DICING MACHINE**
[54] **DISPOSITIF DE COUPE TRANSVERSALE DESTINE A UNE MACHINE A DECOUPER EN DES**
[72] KLOCKOW, SCOTT ALAN, US
[72] JACKO, MICHAEL SCOT, US
[73] URSCHEL LABORATORIES, INC., US
[85] 2015-03-26
[86] 2013-10-21 (PCT/US2013/065859)
[87] (WO2014/063136)
[30] US (61/716,100) 2012-10-19

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[51] **Int.Cl. B42B 5/08 (2006.01) B42B 5/02 (2006.01) B42C 5/00 (2006.01)**
[25] EN
[54] **MACHINE AND PROCESS FOR BINDING OF BOOKS FOR LAY FLAT LOOK**
[54] **MACHINE ET PROCEDE DE RELIURE DE LIVRES POUR UN ASPECT D'OUVERTURE A PLAT**
[72] PARMAR, NILESH DHIRAJLAL, IN
[73] PARMAR, NILESH DHIRAJLAL, IN
[85] 2015-03-31
[86] 2012-11-23 (PCT/IN2012/000767)
[87] (WO2014/057494)
[30] IN (2997/MUM/2012) 2012-10-11

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[13] C
[51] **Int.Cl. G06Q 50/10 (2012.01)**
[25] EN
[54] **MAINTENANCE-PLAN-DEVELOPING SUPPORT SYSTEM, MAINTENANCE-PLAN-DEVELOPING SUPPORT METHOD, AND MAINTENANCE-PLAN-DEVELOPING SUPPORT PROGRAM**
[54] **SYSTEME D'AIDE A L'EBAUCHE D'UN PLAN DE MAINTENANCE, PROCEDE D'AIDE A L'EBAUCHE D'UN PLAN DE MAINTENANCE ET PROGRAMME D'AIDE A L'EBAUCHE D'UN PLAN DE MAINTENANCE**
[72] HABUCHI, TAKAYUKI, JP
[72] YOSHIKAWA, HIROSHI, JP
[72] OTA, NOBUYUKI, JP
[72] ARAI, MASATO, JP
[73] HITACHI, LTD., JP
[85] 2015-04-14
[86] 2013-10-11 (PCT/JP2013/077813)
[87] (WO2014/061604)
[30] JP (PCT/JP2012/076610) 2012-10-15

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[51] **Int.Cl. B66F 7/28 (2006.01) B61K 13/00 (2006.01) B66F 3/08 (2006.01) B66F 3/46 (2006.01) B66F 5/02 (2006.01) B66F 7/14 (2006.01)**
[25] EN
[54] **INDEPENDENT DRIVE MOTORS FOR MACHINERY POSITIONING APPARATUS HAVING INDEPENDENT LIFTING MOTORS**
[54] **MOTEURS A ENTRAINEMENT INDEPENDANT POUR APPAREIL DE POSITIONNEMENT DE MACHINERIE COMPORTANT DES MOTEURS DE LEVAGE INDEPENDANTS**
[72] KNAPP, RYAN W., US
[72] MCGONAGLE, PETER, US
[72] O'DONNELL, MARK, US
[73] MACTON CORPORATION, US
[86] (2888436)
[87] (2888436)
[22] 2015-04-16
[30] US (14/267,217) 2014-05-01

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[11] **2,891,067**
[13] C
[51] **Int.Cl. H04L 12/18 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR MANAGING REAL-TIME AUDIO BROADCASTS AMONG A GROUP OF USERS**
[54] **PROCEDE ET SYSTEME POUR GERER DES TRANSMISSIONS AUDIO EN TEMPS REEL, ENTRE UN GROUPE D'UTILISATEURS**
[72] WENG, LETENG, CN
[72] TANG, ZHUO, CN
[72] ZHANG, BIN, CN
[72] LI, KAI, CN
[72] SHAN, YI, CN
[73] TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED, CN
[85] 2015-05-07
[86] 2013-07-18 (PCT/CN2013/079563)
[87] (WO2014/082458)
[30] CN (201210495165.1) 2012-11-28

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[51] **Int.Cl. G06Q 50/30 (2012.01) G06Q 30/02 (2012.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR REWARDING COMMUTERS**
[54] **SYSTEME ET PROCEDE DE RECOMPENSE DE NAVETTEURS**
[72] FLETCHER, PAUL, AU
[72] FLETCHER, ALEXANDER, AU
[73] FREEWHEELER PTY LTD., AU
[85] 2015-05-25
[86] 2013-11-26 (PCT/IB2013/060414)
[87] (WO2014/080380)
[30] AU (2012905141) 2012-11-26
[30] AU (2013900949) 2013-03-18

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[51] **Int.Cl. C21C 5/35 (2006.01) C21C 5/46 (2006.01) C21C 5/52 (2006.01) F27D 19/00 (2006.01) F27D 21/02 (2006.01)**
[25] EN
[54] **METHOD AND DEVICE FOR PREDICTING, CONTROLLING AND/OR REGULATING STEELWORKS PROCESSES**
[54] **PROCEDE ET DISPOSITIF DE PREDICTION, COMMANDE ET/OU REGLAGE DE PROCESSUS D'ACIERIE**
[72] UEBBER, NORBERT, DE
[72] SCHLUTER, JOCHEN, DE
[72] ODENTHAL, HANS-JURGEN, DE
[72] MORIK, KATHARINA, DE
[72] BLOM, HENDRIK, DE
[73] SMS GROUP GMBH, DE
[85] 2015-06-11
[86] 2013-12-09 (PCT/EP2013/075907)
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[30] DE (10 2012 224 184.1) 2012-12-21

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[51] **Int.Cl. B23D 1/08 (2006.01) B23D 1/20 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR NON-SPINDLE MULTI-AXIS MACHINING**
[54] **METHODE ET APPAREIL D'USINAGE MULTIAXIAL SANS TIGE**
[72] TINGLEY, WILLIAM Q., III, US
[72] TINGLEY, WILLIAM Q., US
[72] BRADLEY, DANIEL R., US
[73] TENNINE CORP, US
[86] (2895007)
[87] (2895007)
[22] 2015-06-19
[30] US (14/333,600) 2014-07-17

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[13] C
[51] **Int.Cl. F23D 14/46 (2006.01) F23D 14/62 (2006.01) F23D 14/68 (2006.01)**
[25] EN
[54] **COMBUSTION APPARATUS WITH RECIRCULATING EXHAUST**
[54] **APPAREIL DE COMBUSTION DOTE D'UN CONDUIT D'EVACUATION A RECIRCULATION**
[72] KIM, YOUNG MO, KR
[73] KYUNGDONG NAVIEN CO., LTD., KR
[85] 2015-06-18
[86] 2014-01-08 (PCT/KR2014/000176)
[87] (WO2014/115981)
[30] KR (10-2013-0007209) 2013-01-23

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[13] C
[51] **Int.Cl. B29C 70/68 (2006.01) B64C 1/00 (2006.01)**
[25] EN
[54] **FUSED FILAMENT FABRICATED PART USING MULTI-DIRECTIONAL LAYERING**
[54] **PIECE A DEPOT DE FIL FONDU FABRIQUEE A L'AIDE DE SUPERPOSITION DE COUCHES MULTIDIRECTIONNELLES**
[72] STAUFFER, MATTHEW S., US
[73] THE BOEING COMPANY, US
[86] (2896045)
[87] (2896045)
[22] 2015-06-29
[30] US (14/487,422) 2014-09-16

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[13] C
[51] **Int.Cl. B29C 70/38 (2006.01) B29C 31/00 (2006.01)**
[25] EN
[54] **COMPACTING UNCURED COMPOSITE MEMBERS ON CONTOURED MANDREL SURFACES**
[54] **COMPACTAGE D'ELEMENTS COMPOSITES NON DURCIS SUR DES SURFACES DE MANDRIN PROFILEES**
[72] STEWART, SAMUEL R., US
[73] THE BOEING COMPANY, US
[85] 2015-07-15
[86] 2014-03-24 (PCT/US2014/031621)
[87] (WO2014/172073)
[30] US (61/813,821) 2013-04-19
[30] US (13/904,224) 2013-05-29

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[13] C
[51] **Int.Cl. G06F 15/16 (2006.01) G06Q 50/30 (2012.01) G06F 3/14 (2006.01)**
[25] EN
[54] **IMAGE FILTERING BASED ON SOCIAL CONTEXT**
[54] **FILTRAGE D'IMAGE EN FONCTION DU CONTEXTE SOCIAL**
[72] CHEDEAU, CHRISTOPHER SERGE BENJAMIN, US
[72] GREWAL, EMILY B., US
[72] CHUNG, ANDREW, US
[73] FACEBOOK, INC., US
[85] 2015-08-26
[86] 2014-03-11 (PCT/US2014/022963)
[87] (WO2014/164600)
[30] US (13/801,802) 2013-03-13

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[13] C
[51] **Int.Cl. B60W 20/00 (2016.01) B60L 11/00 (2006.01) B60L 15/00 (2006.01)**
[25] EN
[54] **DRIVE CONTROL SYSTEM FOR HYBRID VEHICLE**
[54] **MECANISME DE COMMANDE POUR VEHICULE HYBRIDE**
[72] HATA, KENSEI, JP
[72] IWASE, YUJI, JP
[72] SUZUKI, YOSUKE, JP
[72] MURAKAMI, AKIRA, JP
[72] NISHIMINE, AKIKO, JP
[72] MURATA, SOHEI, JP
[73] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
[86] (2903520)
[87] (2903520)
[22] 2015-09-03
[30] JP (2014-210073) 2014-10-14

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[13] C
[51] **Int.Cl. A41D 31/00 (2006.01) A62B 17/00 (2006.01)**
[25] EN
[54] **GARMENTS MADE FROM MOISTURE-INSENSITIVE THERMALLY PROTECTIVE MATERIALS**
[54] **VETEMENTS REALISES A PARTIR DE MATERIAUX A PROTECTION THERMIQUE ET INSENSIBLES A L'HUMIDITE**
[72] MAPLES, ALLEN, US
[72] DECKER, MATTHEW, US
[72] JAIN, MUKESH, US
[72] GORAK, WILLIAM, US
[73] W.L. GORE & ASSOCIATES, INC., US
[85] 2015-09-01
[86] 2014-03-14 (PCT/US2014/027402)
[87] (WO2014/152495)
[30] US (13/840,728) 2013-03-15
[30] US (14/210,247) 2014-03-13

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[13] C
[51] **Int.Cl. B01J 35/10 (2006.01)**
[25] EN
[54] **CATALYSTS HAVING SELECTED PORE SIZE DISTRIBUTIONS, METHOD OF MAKING SUCH CATALYSTS, METHODS OF PRODUCING A CRUDE PRODUCT, PRODUCTS OBTAINED FROM SUCH METHODS, AND USES OF PRODUCTSOBTAINED**
[54] **CATALYSEURS AYANT DES DISTRIBUTIONS SELECTIONNEES DE TAILLES DES PORES, PROCEDE DE PREPARATION DE TELS CATALYSEURS, PROCEDES DE PRODUCTION D'UN PRODUIT BRUT, PRODUITS OBTENUS PAR DE TELS PROCEDES ET UTILISATIONS DES PRODUITS OBTENUS**
[72] WELLINGTON, SCOTT LEE, US
[72] BHAN, OPINDER KISHAN, US
[73] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL
[86] (2904552)
[87] (2904552)
[22] 2009-06-10
[62] 2,721,009
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[13] C
[51] **Int.Cl. F16F 1/368 (2006.01)**
[25] EN
[54] **HIGH STRENGTH, LIGHT WEIGHT COMPOSITE LEAF SPRING AND METHOD OF MAKING**
[54] **RESSORT A LAMES COMPOSITE A HAUTE RESISTANCE, DE POIDS LEGER ET PROCEDE DE FABRICATION**
[72] SPIEGEL, JONATHAN, US
[72] PILPEL, BENJAMIN D., US
[72] PILPEL, EDWARD D., US
[72] GORDON, MICHAEL, US
[73] POLYONE CORPORATION, US
[85] 2015-09-10
[86] 2014-03-17 (PCT/US2014/030377)
[87] (WO2014/145585)
[30] US (61/788,800) 2013-03-15

[11] **2,907,587**
[13] C
[51] **Int.Cl. B60R 25/24 (2013.01) E05B 83/36 (2014.01) E05B 49/00 (2006.01) H04M 1/00 (2006.01) H04Q 9/02 (2006.01)**
[25] EN
[54] **VEHICLE SYSTEM, IN-VEHICLE APPARATUS, AND PORTABLE DEVICE**
[54] **SYSTEME DE VEHICULE, APPAREIL EMBARQUE A BORD D'UN VEHICULE, ET DISPOSITIF PORTABLE**
[72] MATSUMOTO, MUNENORI, JP
[72] SAKAMOTO, KOUJI, JP
[73] DENSO CORPORATION, JP
[85] 2015-09-17
[86] 2014-02-12 (PCT/JP2014/000709)
[87] (WO2014/147947)
[30] JP (2013-055245) 2013-03-18

[11] **2,908,885**
[13] C
[51] **Int.Cl. C23C 2/12 (2006.01) B21D 22/20 (2006.01) C22C 21/00 (2006.01) C22C 21/06 (2006.01) C22C 38/00 (2006.01) C22C 38/14 (2006.01) C23C 2/28 (2006.01) C23C 28/00 (2006.01)**
[25] EN
[54] **PLATED STEEL SHEET FOR HOT PRESSING, HOT PRESSING METHOD FOR PLATED STEEL SHEET, AND AUTOMOBILE PART**
[54] **TOLE D'ACIER PLAQUEE DESTINEE A LA COMPRESSION A CHAUD, PROCEDE DE COMPRESSION A CHAUD POUR TOLE D'ACIER PLAQUEE ET PIECE D'AUTOMOBILE**
[72] MAKI, JUN, JP
[72] YAMANAKA, SHINTARO, JP
[72] KUROSAKI, MASAO, JP
[73] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
[85] 2015-10-05
[86] 2014-04-14 (PCT/JP2014/060588)
[87] (WO2014/171417)
[30] JP (2013-087772) 2013-04-18

[11] **2,910,428**
[13] C
[51] **Int.Cl. B65D 81/38 (2006.01)**
[25] EN
[54] **TRANSPORTATION AND/OR STORAGE DEVICE COMPRISING A DOUBLE-WALLED INSULATING BULB**
[54] **DISPOSITIF DE TRANSPORT ET/OU DE STOCKAGE COMPRENANT UNE AMPOULE D'ISOLATION A DOUBLE PAROI**
[72] COGNARD, ERIC, FR
[73] ST REPRODUCTIVE TECHNOLOGIES, LLC, US
[85] 2015-10-26
[86] 2013-09-11 (PCT/US2013/059261)
[87] (WO2014/185943)
[30] FR (13/53982) 2013-04-30

[11] **2,911,398**
[13] C
[51] **Int.Cl. B01D 71/70 (2006.01) B01D 69/10 (2006.01) B01D 69/12 (2006.01) C08J 7/16 (2006.01)**
[25] EN
[54] **SEPARATION MEMBRANE FOR TREATING ACID GAS-CONTAINING GAS, AND METHOD FOR MANUFACTURING SEPARATION MEMBRANE FOR TREATING ACID GAS-CONTAINING GAS**
[54] **MEMBRANE DE SEPARATION POUR LE TRAITEMENT DE GAZ CONTENANT DES GAZ ACIDES ET PROCEDE POUR LA FABRICATION DE MEMBRANE DE SEPARATION POUR LE TRAITEMENT DE GAZ CONTENANT DES GAZ ACIDES**
[72] KURAHASHI, TOMOHIKO, JP
[72] KURAOKA, KOJI, JP
[73] TOYO TIRE & RUBBER CO., LTD., JP
[85] 2015-11-03
[86] 2014-03-31 (PCT/JP2014/059412)
[87] (WO2014/199703)
[30] JP (2013-123448) 2013-06-12

[11] **2,913,866**
[13] C
[51] **Int.Cl. C07C 51/12 (2006.01) C07C 53/08 (2006.01) C07B 61/00 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCING CARBONYL COMPOUND**
[54] **PROCEDE DE PREPARATION D'UN COMPOSE DE TYPE CARBONYLE**
[72] YOU, ZHIXIONG, JP
[72] UMEHARA, YOICHI, JP
[72] MATSUMURA, TETSURO, JP
[72] MINAMI, TAKESHI, JP
[73] CHIYODA CORPORATION, JP
[85] 2015-11-27
[86] 2014-06-03 (PCT/JP2014/002944)
[87] (WO2014/196190)
[30] JP (2013-119046) 2013-06-05

[11] **2,915,982**
[13] C
[51] **Int.Cl. H04J 14/00 (2006.01)**
[25] EN
[54] **OPTICAL COMMUNICATIONS METHOD AND APPARATUS**
[54] **PROCEDE ET APPAREIL DE COMMUNICATION OPTIQUE**
[72] WANG, CHAO, CN
[72] ZHANG, CHUNHUI, CN
[72] ZHANG, LEWEI, CN
[73] HUAWEI TECHNOLOGIES CO., LTD., CN
[85] 2015-12-17
[86] 2013-06-21 (PCT/CN2013/077631)
[87] (WO2014/201684)

[11] **2,916,783**
[13] C
[51] **Int.Cl. C01B 32/225 (2017.01) H01M 4/583 (2010.01) C01B 32/182 (2017.01) C01B 32/20 (2017.01) H01M 4/60 (2006.01)**
[25] EN
[54] **COMPOSITE CONDUCTIVE MATERIAL, POWER STORAGE DEVICE, CONDUCTIVE DISPERSION, CONDUCTIVE DEVICE, CONDUCTIVE COMPOSITE AND THERMALLY CONDUCTIVE COMPOSITE AND METHOD OF PRODUCING A COMPOSITE CONDUCTIVE MATERIAL**
[54] **MATERIAU CONDUCTEUR COMPOSITE, DISPOSITIF DE STOCKAGE D'ENERGIE, DISPERSION CONDUCTRICE, DISPOSITIF CONDUCTEUR, COMPOSITE CONDUCTEUR ET COMPOSITE THERMOCONDUCTEUR, ET PROCEDE DE PRODUCTION D'UN MATERIAU CONDUCTEUR COMPOSITE**
[72] HASEGAWA, SHOJI, JP
[72] KAMIYA, NAGISA, JP
[73] GRAPHENE PLATFORM CORPORATION, JP
[85] 2015-11-06
[86] 2015-03-13 (PCT/JP2015/057593)
[87] (WO2016/002261)
[30] JP (PCT/JP2014/073838) 2014-09-09
[30] JP (PCT/JP2015/055977) 2015-02-27

[11] **2,917,305**
[13] C
[51] **Int.Cl. H01M 4/88 (2006.01) H01M 4/86 (2006.01) H01M 8/02 (2016.01) H01M 8/10 (2016.01)**
[25] EN
[54] **METAL GAS DIFFUSION LAYER FOR FUEL CELL AND METHOD FOR MANUFACTURING THE SAME**
[54] **COUCHE METALLIQUE DE DIFFUSION DE GAZ POUR PILES A COMBUSTIBLE ET SON PROCEDE DE PRODUCTION**
[72] AOTANI, KOICHIRO, JP
[73] NISSAN MOTOR CO., LTD., JP
[85] 2016-01-04
[86] 2014-05-22 (PCT/JP2014/063607)
[87] (WO2015/001862)
[30] JP (2013-141687) 2013-07-05

[11] **2,922,153**
[13] C
[51] **Int.Cl. A44C 5/00 (2006.01) A45D 8/36 (2006.01)**
[25] EN
[54] **A PERSONAL ACCESSORY APPARATUS**
[54] **UN ARRANGEMENT D'ACCESSOIRE PERSONNEL**
[72] RIZZUTO, LEANDRO P., US
[73] CONAIR CORPORATION, US
[86] (2922153)
[87] (2922153)
[22] 2016-02-29
[30] US (14/643,530) 2015-03-10

[11] **2,923,025**
[13] C
[51] **Int.Cl. E04B 1/66 (2006.01) E04B 1/62 (2006.01) E04B 1/74 (2006.01)**
[25] EN
[54] **INSULATION SYSTEM FOR A PRE-ENGINEERED METAL BUILDING**
[54] **SYSTEME D'ISOLATION POUR UN BATIMENT METALLIQUE PREFABRIQUE**
[72] BEALS, WILLIAM D., US
[73] THERM-ALL, INC., US
[85] 2016-03-04
[86] 2014-07-23 (PCT/US2014/047779)
[87] (WO2015/041744)
[30] US (61/880,575) 2013-09-20

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[13] C
[51] **Int.Cl. G01V 1/32 (2006.01) G01V 1/36 (2006.01)**
[25] EN
[54] **METHODS AND APPARATUS FOR COOPERATIVE NOISE ATTENUATION IN DATA SETS RELATED TO THE SAME UNDERGROUND FORMATION**
[54] **PROCEDES ET APPAREIL POUR UNE ATTENUATION DE BRUIT COOPERATIVE DANS DES ENSEMBLES DE DONNEES CONCERNANT LA MEME FORMATION SOUTERRAINE**
[72] PENG, CAN, FR
[72] HUANG, RONGXIN, FR
[72] XUAN, YI, FR
[73] CGG SERVICES SA, FR
[85] 2016-03-09
[86] 2014-09-11 (PCT/EP2014/069456)
[87] (WO2015/036515)
[30] US (61/876,851) 2013-09-12

[11] **2,927,773**
[13] C
[51] **Int.Cl. F16K 31/00 (2006.01) F16K 17/06 (2006.01) F16K 31/44 (2006.01)**
[25] EN
[54] **METHODS AND APPARATUS FOR ADJUSTING A SPRING LOAD IN AN ACTUATOR**
[54] **METHODES ET DISPOSITIFS DE REGLAGE DE LA TENSION D'UN RESSORT D'ACTIONNEUR**
[72] SINKA, STEVEN PAUL, US
[72] NATILI, RICHARD PETER, JR., US
[73] EMERSON PROCESS MANAGEMENT POWER & WATER SOLUTIONS, INC., US
[86] (2927773)
[87] (2927773)
[22] 2009-01-15
[62] 2,649,952
[30] US (12/014,199) 2008-01-15

[11] **2,930,316**
[13] C
[51] **Int.Cl. B64D 11/06 (2006.01)**
[25] EN
[54] **CARRY-ON PASSENGER SEAT**
[54] **SIEGE PASSAGER TRANSPORTABLE**
[72] PEURIFOY, MARK, US
[72] KENNY, SAM, US
[73] B/E AEROSPACE, INC., US
[85] 2016-05-10
[86] 2014-11-25 (PCT/US2014/067265)
[87] (WO2015/081054)
[30] US (61/909,513) 2013-11-27

[11] **2,930,514**
[13] C
[51] **Int.Cl. B22F 1/02 (2006.01) B22F 1/00 (2006.01) B22F 9/14 (2006.01) C22C 19/03 (2006.01)**
[25] EN
[54] **CARBON-COATED METAL POWDER, METHOD FOR MANUFACTURING THEREOF,AND APPLICATIONS OF THE POWDER IN ELECTRONIC COMPONENTS**
[54] **POUDRE METALLIQUE REVETUE DE CARBONE, METHODE DE FABRICATION ASSOCIEE ET APPLICATION DE LA POUDRE AUX COMPOSANTS ELECTRONIQUES**
[72] AKIMOTO, YUJI, JP
[72] TANAKA, HIDEKI, JP
[72] IWASAKI, MINETO, JP
[72] MATSUO, AKIKO, JP
[73] SHOEI CHEMICAL INC., JP
[85] 2016-05-12
[86] 2015-06-17 (PCT/JP2015/067401)
[87] (WO2015/194579)
[30] JP (2014-127136) 2014-06-20

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[13] C
[51] **Int.Cl. A61K 9/16 (2006.01) A61K 9/14 (2006.01) A61K 31/196 (2006.01) A61K 47/10 (2017.01) A61K 47/14 (2017.01) A61P 25/06 (2006.01) A61P 29/00 (2006.01)**
[25] EN
[54] **DICLOFENAC FORMULATIONS AND METHODS OF USE**
[54] **PREPARATIONS DE DICLOFENAC ET LEURS METHODES D'UTILISATION**
[72] REINER, GIORGIO, IT
[72] REINER, ALBERTO, IT
[72] MEYER, ANDREAS, IT
[73] APR APPLIED PHARMA RESEARCH SA, CH
[86] (2932603)
[87] (2932603)
[22] 2006-06-16
[62] 2,632,375
[30] US (60/692,024) 2005-06-17
[30] US (60/691,757) 2005-06-17

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[13] C
[51] **Int.Cl. C07D 487/04 (2006.01) A61K 31/4985 (2006.01) A61K 31/5025 (2006.01) A61K 31/519 (2006.01) A61K 31/52 (2006.01) A61K 31/522 (2006.01) A61P 11/06 (2006.01) A61P 19/02 (2006.01) A61P 29/00 (2006.01) A61P 35/00 (2006.01) A61P 37/00 (2006.01)**
[25] EN
[54] **NOVEL HETEROCYCLIC COMPOUNDS**
[54] **NOUVEAUX COMPOSES HETEROCYCLIQUES**
[72] DESAI, RANJIT C., IN
[72] BAHEKAR, RAJESH, IN
[72] PATEL, DIPAM, IN
[72] SHAH, KIRAN, IN
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[72] BELMONTE, JEROME, FR
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[72] EL-ADLY, HESHAM, CA
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[72] BROOMHALL, SIMON J., CA
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[71] EXTREME TELEMATICS CORP., CA
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[72] BEAUMONT, DARCY L., CA
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[54] **CAILLEBOTIS LAVANT, SOUFFLANT, ASPIRANT ET DESINFECTANT POUR HOPITAUX, CENTRES COMMERCIAUX, AEROPORTS, ESPACES PUBLICS OU PARTICULIERS**
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[72] VAILLANCOURT, MARC MAV, CA
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[72] OLINEK, GLENN, CA
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[71] HUSSEIN, AHMED REFAEY A. R., CA
[71] FALBO, JASON, CA
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[54] **EGRENEUSE INCLINEE DESTINEE A UNE VIS SANS FIN PERPENDICULAIRE SUR UN BEC CUEILLEUR DE RECOLTE**
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[54] **SYSTEMES ET METHODES DESTINES A UNE POMPE ET UNE NOIX DE GARNITURE COUPLEES SEPAREES**
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[72] SHORABH, SUNNY, IN
[71] PENTAIR FLOW TECHNOLOGIES, LLC, US
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[54] **SYSTEME DE TRAITEMENT DES EAUX USEES CIRCULANT HORIZONTALEMENT PAR IMPULSION**
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[54] **UN PROCEDE POST-RECOLTE POLYVALENT ET UN APPAREIL DE DECONTAMINATION SUR PLACE DES CEREALES, PSEUDOCEREALES, GRAINS, NOIX, GRAINES OU MATERIAUX VEGETAUX AU MOYEN D'EAU IONISEE**
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[72] STONE, REUBEN E., CA
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[54] **SYSTEME ET METHODE D'INITIALISATION ET DE MAINTIEN D'UNE SERIE DE RESEAUX LOCAUX VIRTUELS CONTENUS DANS UN SYSTEME INFORMATIQUE EN GRAPPE**
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[54] **ENROBAGE DESTINE A UNE POUDRE-ECLAIR ORGANIQUE INERTE PRODUITE PAR IMPACT**
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[54] **CONTENANT DE RANGEMENT ET DE PRESENTATION**
[72] PHILBROOK, MARK C., CA
[72] MONTEITH, COLIN R., CA
[71] PHILBROOK, MARK C., CA
[71] MONTEITH, COLIN R., CA
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[13] A1
[51] **Int.Cl. H05K 1/02 (2006.01) A47F 11/06 (2006.01) G09F 13/04 (2006.01) H05K 1/03 (2006.01) H05K 1/09 (2006.01)**
[25] EN
[54] **FLEXIBLE CONDUCTIVE CIRCUIT**
[54] **CIRCUIT CONDUCTEUR SOUPLE**
[72] CAREL, ALAIN, CA
[71] CAREL, ALAIN, CA
[22] 2016-01-29
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[13] A1
[51] **Int.Cl. H04L 12/16 (2006.01) H04L 12/26 (2006.01)**
[25] EN
[54] **ADAPTIVE CONTENT BALANCING IN A WEB APPLICATION ENVIRONMENT**
[54] **EQUILIBRAGE DE CONTENU ADAPTATIF DANS UN ENVIRONNEMENT D'APPLICATION WEB**
[72] MARUM, MATT, US
[72] ROGERS, HENRY, US
[71] SUGARCRM INC., US
[22] 2016-01-29
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[51] **Int.Cl. E06B 9/38 (2006.01) E06B 9/262 (2006.01) E06B 9/30 (2006.01)**
[25] EN
[54] **HANDLE ASSEMBLY FOR AN ARCHITECTURAL COVERING**
[54] **DISPOSITIF DE POIGNEE DESTINE A UN REVETEMENT ARCHITECTURAL**
[72] STRAND, TORALF H., US
[71] HUNTER DOUGLAS INC., US
[22] 2016-01-26
[41] 2017-07-26

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[13] A1
[51] **Int.Cl. A61F 5/01 (2006.01) A41D 13/06 (2006.01) A61F 7/02 (2006.01) A63B 71/12 (2006.01)**
[25] FR
[54] **MULTI-USE ORTHOTICS**
[54] **ORTHESE MULTIFONCTIONS**
[72] TESSIER, EMMANUELLE, CA
[71] TESSIER, EMMANUELLE, CA
[22] 2016-01-28
[41] 2017-07-28

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[51] **Int.Cl. B65D 27/00 (2006.01)**
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[54] **ORIGAMI ENVELOPE**
[54] **ENVELOPPE D'ORIGAMI**
[72] HUANG, BOR-JIUN, CA
[71] HUANG, BOR-JIUN, CA
[22] 2016-01-29
[41] 2017-07-29

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[13] A1
[51] **Int.Cl. A01G 1/08 (2006.01) A01G 9/00 (2006.01) E01C 5/08 (2006.01) E04C 1/00 (2006.01)**
[25] EN
[54] **CONNECTOR BLOCK FOR ASSEMBLING A GARDEN BED OR A PLANTER BOX**
[54] **BLOC CONNECTEUR D'ASSEMBLAGE D'UNE PLATE-BANDE OU D'UNE JARDINIERE**
[72] PENTERMAN, JOHN, CA
[72] QUAN ROSALES, OSCAR, CA
[72] LATOUR, MARTIN, CA
[71] OLDCASTLE BUILDING PRODUCTS CANADA INC., CA
[22] 2016-01-28
[41] 2017-07-28

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[51] **Int.Cl. A61C 19/00 (2006.01) A61B 6/14 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR PROVIDING USER FEEDBACK INDICATIONS DURING INTRA-ORAL SCANNING PROCESS**
[54] **SYSTEME ET METHODE DESTINES A L'AMELIORATION DES INDICATIONS DE RETROACTION UTILISATEUR PENDANT UN PROCEDE DE SCAN INTRA ORAL**
[72] RYNERSON, MICHAEL, CA
[71] DENTAL WINGS INC., CA
[22] 2016-01-28
[41] 2017-07-28

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[13] A1
[51] **Int.Cl. H01R 25/14 (2006.01)**
[25] EN
[54] **POWER DISTRIBUTION OUTLET**
[54] **PRISE DE DISTRIBUTION ELECTRIQUE**
[72] HARTMANN, RICHARD, JR., US
[72] SCHNEIDER, EDWARD, US
[71] ITC INCORPORATED, US
[22] 2016-02-22
[41] 2017-07-26
[30] US (15/006,457) 2016-01-26

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[25] EN
[54] **SENSOR-BASED ACTION CONTROL FOR MOBILE WIRELESS TELECOMMUNICATION COMPUTING DEVICES**
[54] **COMMANDE D'ACTION FONDEE SUR LA DETECTION DESTINEE A DES DISPOSITIFS INFORMATIQUES DE TELECOMMUNICATION SANS FIL**
[72] DO, QUOC NAM, CA
[72] JOGARASAN, VIGHRAM, CA
[71] DO, QUOC NAM, CA
[71] JOGARASAN, VIGHRAM, CA
[22] 2016-04-08
[41] 2017-07-29
[30] US (62/289,141) 2016-01-29

[21] **2,928,422**
[13] A1
[51] **Int.Cl. G05D 7/06 (2006.01) H04W 84/18 (2009.01) F16K 31/04 (2006.01) H04L 12/28 (2006.01)**
[25] EN
[54] **FLOW CONTROL CENTER**
[54] **CENTRE DE CONTROLE DE DEBIT**
[72] KAMINSKI, MICHAEL A., CA
[71] KAMINSKI, MICHAEL A., CA
[22] 2016-04-29
[41] 2017-07-27
[30] US (15008348) 2016-01-27

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[13] A1
[51] **Int.Cl. A63B 71/12 (2006.01) A41F 15/00 (2006.01)**
[25] EN
[54] **ATTACHMENT MEANS FOR CONNECTING A GOALIE PAD TO A SKATE**
[54] **MECANISMES DE FIXATION DESTINES A RELIER UNE JAMBIERE DE GARDIEN DE BUT A UN PATIN**
[72] RATTHE, MICHEL, CA
[71] RATTHE, MICHEL, CA
[22] 2016-08-11
[41] 2017-07-25
[30] GB (1601332.8) 2016-01-25

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[13] A1
[51] **Int.Cl. A01C 7/20 (2006.01) A01C 5/06 (2006.01) A01C 7/08 (2006.01)**
[25] EN
[54] **MOUNTING ASSEMBLY FOR AN AGRICULTURAL PRODUCT CONVEYING SYSTEM**
[54] **DISPOSITIF D'INSTALLATION D'UN MECANISME DE TRANSPORT DE PRODUIT AGRICOLE**
[72] JOHNSON, CHAD M., US
[72] PRICKEL, MARVIN A., US
[72] ANDERSON, BRIAN JOHN, US
[71] CNH INDUSTRIAL AMERICA LLC, US
[22] 2016-09-29
[41] 2017-07-29
[30] US (15/011,232) 2016-01-29

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[51] **Int.Cl. A01C 5/06 (2006.01) A01C 7/08 (2006.01)**
[25] EN
[54] **OPENER ATTACHMENT FOR AN AGRICULTURAL ROW UNIT**
[54] **ACCESSOIRE D'OUVERTURE DESTINE A UN RAYONNEUR AGRICOLE**
[72] DIENST, JOHNATHON R., US
[72] ANDERSON, BRIAN JOHN, US
[72] PRICKEL, MARVIN A., US
[71] CNH INDUSTRIAL AMERICA LLC, US
[22] 2016-09-29
[41] 2017-07-29
[30] US (15/011,274) 2016-01-29

[21] **2,946,644**
[13] A1
[51] **Int.Cl. B64D 47/00 (2006.01)**
[25] FR
[54] **CABLE SELECTION DEVICE AND AIRCRAFT AND IMPLEMENTATION PROCESS BY THE SAID DEVICE**
[54] **DISPOSITIF SECTIONNEUR DE CABLES ET AERONEF, ET PROCEDE MIS EN OEUVRE PAR LEDIT DISPOSITIF**
[72] STRUZIK, ALAIN, FR
[71] AIRBUS HELICOPTERS, FR
[22] 2016-10-26
[41] 2017-07-25
[30] FR (1600123) 2016-01-25

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[51] **Int.Cl. B25D 1/12 (2006.01) A63B 60/54 (2015.01) A61B 17/92 (2006.01) A63B 53/00 (2015.01)**
[25] EN
[54] **FORCE-LIMITING AND DAMPING DEVICE**
[54] **DISPOSITIF D'ATTENUATION ET DE LIMITATION DE LA FORCE**
[72] SHIH, JUI-YUAN, TW
[71] SHIH, JUI-YUAN, TW
[22] 2016-10-27
[41] 2017-07-26
[30] TW (105102409) 2016-01-26

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[13] A1
[51] **Int.Cl. G06Q 10/00 (2012.01) G06Q 50/10 (2012.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR PROCESSING SERVICE REQUESTS**
[54] **METHODE ET APPAREIL DE TRAITEMENT DES DEMANDES DE SERVICE**
[72] JUNE, PHILIP GABRIEL, US
[72] YU, BRYAN QUOLENT, US
[72] NGUYEN, THAI THANH, US
[72] CHAN, CANDICE SIK SUEN, US
[72] DANAK, AMIR, US
[72] JIANG, RUIWEI, US
[71] THE BOEING COMPANY, US
[22] 2016-11-03
[41] 2017-07-29
[30] US (15/010,361) 2016-01-29

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[51] **Int.Cl. H04B 7/185 (2006.01) H04B 10/118 (2013.01)**
[25] EN
[54] **SATELLITE COMMUNICATION SYSTEM**
[54] **SYSTEME DE COMMUNICATION PAR SATELLITE**
[72] BUSCHE, GREG, US
[72] SULLIVAN, JOHN M., US
[72] KREJCAREK, LINDSAY E., US
[72] JESIOLOWSKI, JEFFREY M., US
[72] FERIA, YING J., US
[72] WHELAN, DAVID A., US
[71] THE BOEING COMPANY, US
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[41] 2017-07-27
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[25] EN
[54] **ORCHESTRATING AND PROVIDING A REGRESSION TEST**
[54] **ORCHESTRATION ET FOURNITURE DE TEST DE REGRESSION**
[72] FINGER, MELISSA, US
[72] OSUOHA, CHINWENDU A., US
[72] IRLBECK, JAMES, US
[72] SCHMIDT, DANIEL P., US
[72] GATUZ, RHEGINA S., US
[72] HAWKINS, GERALD L., US
[72] JOSHI, DATTATRAY, US
[72] FRANCISCO, JONATHAN HERRERA, PH
[71] ACCENTURE GLOBAL SOLUTIONS LIMITED, IE
[22] 2016-11-08
[41] 2017-07-28
[30] US (62/288,074) 2016-01-28
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[51] **Int.Cl. H02J 1/10 (2006.01) H02J 13/00 (2006.01) H02J 15/00 (2006.01)**
[25] EN
[54] **POWER CONTROL SYSTEM**
[54] **DISPOSITF DE CONTROLE D'ALIMENTATION**
[72] RANCURET, PAUL M., US
[72] WHITE, RUSSELL E., US
[72] QUINONES, MICHAEL, US
[71] ROLLS-ROYCE CORPORATION, US
[71] ROLLS-ROYCE NORTH AMERICAN TECHNOLOGIES INC., US
[22] 2016-11-09
[41] 2017-07-25
[30] US (62/286,623) 2016-01-25
[30] US (15/279,731) 2016-09-29

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[51] **Int.Cl. E06B 7/22 (2006.01) E06B 7/16 (2006.01)**
[25] EN
[54] **DOOR SEAL FITTING**
[54] **RACCORD D'ETANCHEISATION DE PORTE**
[72] BOER, ANTHONIE, CA
[71] ELTON MANUFACTURING, A DIVISION OF ONTARIO DOOR SALES LTD., CA
[22] 2016-11-15
[41] 2017-07-28
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[13] A1
[51] **Int.Cl. B64F 5/10 (2017.01) B64F 5/50 (2017.01) B64F 1/10 (2006.01)**
[25] EN
[54] **SYSTEM, METHOD, AND TOOL ASSEMBLY FOR REMOVING A COMPONENT FROM A MANDREL ASSEMBLY**
[54] **SYSTEME, METHODE ET OUTIL DESTINES A RETIRER UNE COMPOSANTE D'UN DISPOSITIF DE MANDRIN**
[72] YESTRAU, JOHN, US
[71] THE BOEING COMPANY, US
[22] 2016-11-15
[41] 2017-07-27
[30] US (15/007659) 2016-01-27

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[51] **Int.Cl. G01N 21/81 (2006.01) B32B 41/00 (2006.01)**
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[54] **MOISTURE DETECTING BLEEDER MATERIALS**
[54] **MATERIAUX PURGEURS DETECTEURS D'HUMIDITE**
[72] WATSON, MEGAN N., US
[72] REGISTER, JUSTIN H., US
[72] BIRD, MEREDITH M., US
[71] THE BOEING COMPANY, US
[22] 2016-11-15
[41] 2017-07-27
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[13] A1
[51] **Int.Cl. G01N 3/00 (2006.01) G01N 3/08 (2006.01)**
[25] EN
[54] **METHOD FOR TEST DATA REDUCTION OF COMPOSITE INTRALAMINAR FAILURE MODE**
[54] **METHODE DE REDUCTION DE DONNEES DE TEST D'UN MODE D'ECHEC INTRALAMINAIRE COMPOSITE**
[72] GU, HAOZHONG, US
[71] THE BOEING COMPANY, US
[22] 2016-11-22
[41] 2017-07-28
[30] US (15/009777) 2016-01-28

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[51] **Int.Cl. H04L 12/16 (2006.01) H04W 4/02 (2009.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR AUTOMATIC DATA COLLECTION**
[54] **SYSTEME ET METHODE DE COLLECTE AUTOMATIQUE DE DONNEES**
[72] LIVINGSTON, TED, CA
[72] BEST, CHRISTOPHER, CA
[72] KIM, JAE HYUNG, CA
[72] ROBERTS, MICHAEL, CA
[72] TCHAO, EVELYN, CA
[72] KASSAM, SHUMS, CA
[72] LING, JACLYN, CA
[72] VOLKOVS, MAKSIMS, CA
[71] KIK INTERACTIVE INC., CA
[22] 2016-11-28
[41] 2017-07-25
[30] US (62/286580) 2016-01-25
[30] US (62/355029) 2016-06-27

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[51] **Int.Cl. A63B 69/00 (2006.01) A63B 63/00 (2006.01)**

[25] EN

[54] **TRAINING APPARATUS FOR SHOOTING IN HOCKEY AND OTHER SPORTS**

[54] **APPAREIL D'ENTRAINEMENT AU LANCER POUR LE HOCKEY ET D'AUTRES SPORTS**

[72] SONMEZ, CEM, CA

[71] PROVEN PERFORMANCE SPORTING PRODUCTS INC., CA

[22] 2016-12-12

[41] 2017-07-25

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[25] EN

[54] **METHOD AND SYSTEM FOR MEASUREMENT OF THE SPEED OF A COMPETITOR ON A RACE COURSE**

[54] **METHODE ET SYSTEME DE MESURE DE LA VITESSE D'UN COMPETITEUR SUR UNE PISTE DE COURSE**

[72] MASSE, FABIEN, CH

[72] GALLI, RETO, CH

[71] SWISS TIMING LTD., CH

[22] 2016-12-09

[41] 2017-07-29

[30] EP (16153402.9) 2016-01-29

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[25] EN

[54] **SWIMMING SYSTEM CURRENT GENERATOR**

[54] **GENERATEUR DE COURANT D'UN DISPOSITIF DE NATATION**

[72] CAMERON, HAYDEN, US

[72] MURDOCK, JAMES, US

[71] WATKINS MANUFACTURING CORPORATION, US

[22] 2016-12-16

[41] 2017-07-29

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[51] **Int.Cl. F41J 13/02 (2009.01) F41J 13/00 (2009.01)**

[25] EN

[54] **BULLET COLLECTING BOX CAPABLE OF STACKING AND INSTALLING, AND BULLET COLLECTING SYSTEM FOR PREVENTING OCCURENCE OF LEAD FUME IN INDOOR SHOOTING RANGE USING THE BULLET COLLECTING BOX**

[54] **BOITE DE COLLECTE DE PROJECTILE POUVANT ETRE EMPILEE ET INSTALLEE, ET DISPOSITIF DE COLLECTE DE PROJECTILE DESTINE A PREVENIR L'OCCURRENCE DE VAPEURS DE PLOMB DANS UN STAND DE TIRINTERIEUR AU MOYEN DE LA BOITE DE COLLECTE DE PROJECTILE**

[72] KIM, HEE JOUNG, KR

[72] KANG, MIN A, KR

[72] KIM, SUN JAE, KR

[72] KIM, SUN GU, KR

[71] KIM, HEE JOUNG, KR

[71] KANG, MIN A, KR

[71] KIM, SUN JAE, KR

[71] KIM, SUN GU, KR

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[30] KR (10-2016-0010362) 2016-01-27

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[51] **Int.Cl. H04B 1/715 (2011.01) H04W 80/02 (2009.01) H04W 84/00 (2009.01) G08B 13/00 (2006.01)**

[25] EN

[54] **EMPLOYING OFFSETS TO CREATE MULTIPLE ORTHOGONAL CHANNEL SEQUENCES IN FREQUENCY HOPPING SYSTEMS**

[54] **EMPLOI DE DECALAGES POUR CREER DES SEQUENCES DE CANAUX ORTHOGONAUX MULTIPLES DANS LES SYSTEMES A SAUTS DE FREQUENCES**

[72] OTIS, JESSE J., US

[72] BEREZOWSKI, ANDREW G., US

[72] SHARMA, GOURAV, US

[71] HONEYWELL INTERNATIONAL INC., US

[22] 2016-12-16

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[30] US (15/008,088) 2016-01-27

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[51] **Int.Cl. H01H 1/58 (2006.01) H01H 9/00 (2006.01) H01H 71/08 (2006.01) H02B 1/04 (2006.01)**

[25] EN

[54] **CIRCUIT BREAKER HAVING LINE TERMINAL AND ASSOCIATED INDICATING METHOD**

[54] **DISJONCTEUR COMPORTANT UNE TERMINAISON DE LIGNE ET METHODE D'INDICATION ASSOCIEE**

[72] WHIPPLE, MICHAEL JEROME, US

[72] LIAS, EDWARD ETHBER, US

[71] EATON CORPORATION, US

[22] 2016-12-19

[41] 2017-07-27

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[25] EN

[54] **RESISTIVE PROTECTION TO PREVENT REVERSE VOLTAGE BREAKDOWN IN ANTI-PARALLEL WIRED LEDS**

[54] **PROTECTION RESISTIVE VISANT A PREVENIR LA PANNE DE TENSION INVERSE DANS LES DEL BRANCHEES EN ANTI-PARALLELE**

[72] JANNING, JOHN L., US

[71] JLJ, INC., US

[22] 2016-12-21

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[13] A1
[51] **Int.Cl. H01F 27/34 (2006.01) H01F 27/42 (2006.01)**
[25] EN
[54] **CIRCUIT ARRANGEMENT FOR REDUCING A UNIDIRECTIONAL FLUX COMPONENT IN THE SOFT-MAGNETIC CORE OF A TRANSFORMER**
[54] **DISPOSITION DE CIRCUIT VISANT A REDUIRE LA COMPOSANTE DE FLUX UNIDIRECTIONNEL DANS L'AME A AIMANTATION TEMPORAIRE D'UN TRANSFORMATEUR**
[72] HAMBERGER, PETER, AT
[72] WEIDENHOLZER, GUNTHER, AT
[71] SIEMENS AKTIENGESELLSCHAFT, DE
[22] 2017-01-05
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[30] EP (16152567.0) 2016-01-25

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[13] A1
[51] **Int.Cl. B60P 7/02 (2006.01) B60J 11/06 (2006.01) B62D 33/04 (2006.01)**
[25] EN
[54] **SELF-STORING FOLDING TONNEAU COVER**
[54] **COUVRE-TONNEAU PLIANT A RANGEMENT AUTONOME**
[72] WELTIKOL, BRANDON SCOTT, US
[72] ADAM, TIM, US
[71] RETRAX HOLDINGS, LLC, US
[22] 2017-01-10
[41] 2017-07-27
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[51] **Int.Cl. A61F 2/02 (2006.01)**
[25] EN
[54] **PROSTHESIS FOR HERNIA REPAIR**
[54] **PROTHESE DESTINEE A LA REPARATION D'UNE HERNIE**
[72] FRANCOIS, SEBASTIEN, FR
[72] THERIN, MICHEL, FR
[72] PROST, NICOLAS, FR
[71] SOFRADIM PRODUCTION, FR
[22] 2017-01-12
[41] 2017-07-25
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[13] A1
[51] **Int.Cl. F16N 29/02 (2006.01) F01M 1/02 (2006.01) F01M 1/16 (2006.01) F16N 7/40 (2006.01) F16N 39/06 (2006.01)**
[25] EN
[54] **SYSTEM FOR PROVIDING ENGINE LUBRICATION FOR EXTENDED TIME PERIODS**
[54] **SYSTEME DE FOURNITURE DE LUBRIFICATION MOTEUR POUR DES PERIODES PROLONGEES**
[72] WALDNER, JOE, US
[71] PDS, LLC, US
[22] 2017-01-13
[41] 2017-07-28
[30] US (15/008,985) 2016-01-28

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[13] A1
[51] **Int.Cl. F01D 9/02 (2006.01) F01D 5/18 (2006.01) F01D 25/12 (2006.01) F02C 7/12 (2006.01)**
[25] EN
[54] **FORWARD FLOWING SERPENTINE VANE**
[54] **AUBE A SERPENTIN A ECOULEMENT AVANT**
[72] WEAVER, JOHN A., US
[72] RIEHLE, BRADFORD J., US
[71] ROLLS-ROYCE CORPORATION, US
[71] ROLLS-ROYCE NORTH AMERICAN TECHNOLOGIES, INC., US
[22] 2017-01-12
[41] 2017-07-25
[30] US (62/286,727) 2016-01-25

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[13] A1
[51] **Int.Cl. G07F 17/34 (2006.01)**
[25] EN
[54] **GAMING MACHINE WITH SYMBOL REPLACEMENT**
[54] **MACHINE DE JEU A REMPLACEMENT DE SYMBOLE**
[72] WORTMANN, JONATHAN, AU
[71] PRIDEFIELD LIMITED, IM
[22] 2017-01-12
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[30] GB (1601306.2) 2016-01-25

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[51] **Int.Cl. F02C 7/00 (2006.01) F01D 25/00 (2006.01) F02C 7/275 (2006.01) H01M 8/06 (2016.01)**
[25] EN
[54] **HYBRID PROPULSION SYSTEM**
[54] **SYSTEME DE PROPULSION HYBRIDE**
[72] SENNOUN, MOHAMMED EL HACIN, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2017-01-12
[41] 2017-07-26
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[25] EN
[54] **NOZZLE AND VANE SYSTEM FOR NACELLE ANTI-ICING**
[54] **DISPOSITIF DE BUSE ET AUBE DESTINE AU DEGLACAGE D'UNE NACELLE**
[72] WIBERG, CLARK GEORGE, US
[72] MUKHERJEE, SHILADITYA, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2017-01-12
[41] 2017-07-27
[30] US (15/008,046) 2016-01-27

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[51] **Int.Cl. F01D 5/18 (2006.01) F01D 5/08 (2006.01) F01D 25/12 (2006.01)**
[25] EN
[54] **COMPRESSOR AFT ROTOR RIM COOLING FOR HIGH OPR (T3) ENGINE**
[54] **REFROIDISSEMENT DE REBORD DE ROTOR ARRIERE DE COMPRESSEUR D'UN MOTEUR A OPR ELEVE (T3)**
[72] MONIZ, THOMAS ORY, US
[72] ROSE, JOSEPH GEORGE, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2017-01-12
[41] 2017-07-27
[30] US (15/007,257) 2016-01-27

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[13] A1
[51] **Int.Cl. B64D 47/00 (2006.01) B64D 11/00 (2006.01)**
[25] EN
[54] **VIRTUAL AIRCRAFT OPERATIONS CHECKLIST**
[54] **LISTE DE VERIFICATION D'OPERATIONS VIRTUELLES D'AERONEF**
[72] FIGARD, MICHAEL ERIC, US
[72] CARROLL, ALEXANDER K., US
[72] OVENS, NORMAN LEONARD, US
[72] GREEN, SHARON ANN, US
[72] COOPER, JENNIFER, US
[72] KIM, SO YOUNG, US
[72] MURUGAPPAN, SUNDAR, US
[72] SOLIZ, BORIS A., US
[72] THIBAULT, KRISTIAN, US
[71] GE AVIATION SYSTEMS LLC, US
[22] 2017-01-12
[41] 2017-07-25
[30] US (15/005,342) 2016-01-25

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[13] A1
[51] **Int.Cl. G01N 15/06 (2006.01) F01D 17/02 (2006.01) F02C 7/05 (2006.01)**
[25] EN
[54] **ELECTROSTATIC DUST SENSOR FOR AN ENGINE**
[54] **DETECTEUR DE POUSSIERE ELECTROSTATIQUE DESTINE A UN MOTEUR**
[72] WEICKERT, JOHN DAVID, US
[72] KESSIE, ANDREW SCOTT, US
[72] SMITH, PHILIP T., US
[72] RICKARDS, CHARLES, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2017-01-12
[41] 2017-07-27
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[13] A1
[51] **Int.Cl. B60B 33/00 (2006.01) A45C 5/14 (2006.01)**
[25] EN
[54] **A WHEEL ATTACHMENT SYSTEM**
[54] **UN MECANISME DE FIXATION DE ROUE**
[72] ABBASSI, SAEED, CA
[71] ABBASSI, SAEED, CA
[22] 2017-01-17
[41] 2017-07-25
[30] US (15/005,270) 2016-01-25

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[13] A1
[51] **Int.Cl. E06B 9/322 (2006.01) E06B 9/262 (2006.01) E06B 9/42 (2006.01)**
[25] EN
[54] **WINDOW COVERING SYSTEM AND DISPLACEMENT CONTROLLING DEVICE THEREOF**
[54] **SYSTEME DE REVETEMENT DE FENETRE ET DISPOSITIF DE CONTROLE DE DEPLACEMENT ASSOCIE**
[72] WEI, SHUI-DONG, TW
[72] NIEN, KENG-HAO, TW
[71] NIEN MADE ENTERPRISE CO.,LTD., CN
[22] 2017-01-17
[41] 2017-07-29
[30] CN (201620093383.6) 2016-01-29
[30] US (62/318,771) 2016-04-06
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[13] A1
[51] **Int.Cl. H04W 12/04 (2009.01) H04W 8/02 (2009.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR CERTIFICATE SELECTION IN VEHICLE-TO-VEHICLE APPLICATIONS TO ENHANCE PRIVACY**
[54] **SYSTEME ET METHODE DE SELECTION DE CERTIFICAT DANS LES APPLICATIONS DE VEHICULE A VEHICULE AFIN D'AUGMENTER LA CONFIDENTIALITE**
[72] ROMANSKY, BRIAN M., US
[72] GRANTCHAROV, CONSTANTINE, CA
[72] EBEID, NEVINE MAURICE NASSIF, CA
[71] TRUSTPOINT INNOVATION TECHNOLOGIES, LTD., CA
[22] 2017-01-19
[41] 2017-07-28
[30] US (62/288,010) 2016-01-28

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[13] A1
[51] **Int.Cl. F01D 5/18 (2006.01) F01D 5/14 (2006.01) F01D 9/02 (2006.01) F01D 25/12 (2006.01)**
[25] EN
[54] **TURBINE ENDWALL AND TIP COOLING FOR DUAL WALL AIRFOILS**
[54] **REFROIDISSEMENT DE PAROI D'EXTREMITE ET D'EXTREMITE DE TURBINE DESTINE A DES PROFILS DYNAMIQUES A DOUBLE PAROI**
[72] HEFFERNAN, TAB M., US
[72] RHODES, JEFFREY F., US
[72] DIERKSMEIER, DOUGLAS D., US
[72] KWON, OKEY, US
[71] ROLLS-ROYCE NORTH AMERICAN TECHNOLOGIES INC., US
[71] ROLLS-ROYCE CORPORATION, US
[22] 2017-01-18
[41] 2017-07-24
[30] US (15/004970) 2016-01-24

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[13] A1
[51] **Int.Cl. B22D 7/00 (2006.01)**
[25] EN
[54] **METHOD FOR MANUFACTURING ALLOY INGOT**
[54] **METHODE DE FABRICATION D'UN LINGOT D'ALLIAGE**
[72] HOSHI, YOUHEI, JP
[72] SAWADA, YASUHIRO, JP
[72] YAMASHITA, KENTA, JP
[71] DAIDO STEEL CO., LTD., JP
[22] 2017-01-18
[41] 2017-07-28
[30] JP (2016-014458) 2016-01-28

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[13] A1
[51] **Int.Cl. B08B 3/08 (2006.01)**
[25] EN
[54] **TURBINE ENGINE CLEANING SYSTEMS AND METHODS**
[54] **DISPOSITIFS ET METHODE DE NETTOYAGE D'UNE TURBINE**
[72] ERIKSEN, MICHAEL EDWARD, US
[72] BOS, MATTHEW, US
[72] TIBBETTS, NICOLE JESSICA, US
[72] SCHEPER, MICHAEL, US
[72] ZELTWANGER, ERIC, US
[71] GENERAL ELECTRIC COMPANY, US
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[41] 2017-07-25
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[25] EN
[54] **GEARBOX PLANET ATTENUATION SPRING DAMPER**
[54] **AMORTISSEUR DE RESSORT ATTENUATEUR D'ENGRENAGE PLANETAIRE**
[72] NIERGARTH, DANIEL ALAN, US
[72] MILLER, BRANDON WAYNE, US
[72] ERTAS, BUGRA HAN, US
[72] BRADLEY, DONALD ALBERT, US
[72] DICKMAN, JOSEPH ROBERT, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2017-01-19
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[51] **Int.Cl. G01M 15/00 (2006.01) B64F 5/00 (2017.01) G01N 15/00 (2006.01) G01N 15/06 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD OF EVALUATING THE EFFECT OF DUST ON AIRCRAFT ENGINES**
[54] **SYSTEME ET METHODE D'EVALUATION DE L'EFFET DE LA POUSSIERE SUR LES MOTEURS D'AERONEF**
[72] FISHER, MICHAEL HOWARD, US
[72] KESSIE, ANDREW SCOTT, US
[72] HAMMOUD, MAZEN, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2017-01-19
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[30] US (15/009,894) 2016-01-29

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[25] EN
[54] **GEARBOX PLANET SQUEEZE FILM DAMPER**
[54] **AMORTISSEUR A PELLICULE D'HUILE DESTINE A UN ENGRENAGE PLANETAIRE**
[72] NIERGARTH, DANIEL ALAN, US
[72] MILLER, BRANDON WAYNE, US
[72] ERTAS, BUGRA HAN, US
[72] BRADLEY, DONALD ALBERT, US
[72] DICKMAN, JOSEPH ROBERT, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2017-01-19
[41] 2017-07-28
[30] US (15/008,922) 2016-01-28

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[13] A1
[51] **Int.Cl. B64C 11/16 (2006.01) B64F 5/60 (2017.01) B64D 15/00 (2006.01)**
[25] EN
[54] **PROPELLER BLADES HAVING ICEPHOBIC COATING**
[54] **PALES D'HELICE COMPORTANT UN REVETEMENT GLACIOPHOBE**
[72] METHVEN, PAUL NICHOLAS, GB
[71] GE AVIATION SYSTEMS LIMITED, GB
[22] 2017-01-19
[41] 2017-07-29
[30] GB (1601676.8) 2016-01-29

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[13] A1
[51] **Int.Cl. G01N 15/06 (2006.01) F01D 17/02 (2006.01)**
[25] EN
[54] **ELECTROSTATIC PARTICLE SENSOR**
[54] **DETECTEUR DE PARTICULES ELECTROSTATIQUES**
[72] WEICKERT, JOHN DAVID, US
[72] KESSIE, ANDREW SCOTT, US
[72] SMITH, PHILIP T., US
[72] RICKARDS, CHARLES, US
[72] NOEL, JAMES R., US
[72] GRIFFIN, GREGORY, US
[72] BROWN, JOSHUA DANIEL, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2017-01-19
[41] 2017-07-27
[30] US (15/375,882) 2016-12-12
[30] US (15/007,282) 2016-01-27
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[13] A1
[51] **Int.Cl. F01D 25/20 (2006.01) F02C 7/06 (2006.01) F02C 7/36 (2006.01)**
[25] EN
[54] **OIL SYSTEM FOR TURBINE ENGINE AND RELATED METHOD**
[54] **DISPOSITIF D'HUILE DESTINE A UNE TURBINE ET METHODE ASSOCIEE**
[72] MENHEERE, DAVID, CA
[72] MARSHALL, ANDREW, CA
[71] PRATT & WHITNEY CANADA CORP., CA
[22] 2017-01-19
[41] 2017-07-27
[30] US (15/007,527) 2016-01-27

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[13] A1
[51] **Int.Cl. A61B 18/04 (2006.01) A61B 34/00 (2016.01) A61B 18/14 (2006.01)**
[25] EN
[54] **TEMPERATURE CONTROLLED SHORT DURATION ABLATION**
[54] **ABLATION A COURTE DUREE THERMOCONTROLEE**
[72] GOVARI, ASSAF, IL
[72] EPHRATH, YARON, IL
[72] ALTMANN, ANDRES CLAUDIO, IL
[72] ZILBERMAN, ISRAEL, IL
[71] BIOSENSE WEBSTER (ISRAEL) LTD., IL
[22] 2017-01-19
[41] 2017-07-25
[30] US (62/286,534) 2016-01-25
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[51] **Int.Cl. A61B 18/12 (2006.01) A61B 5/053 (2006.01) A61B 18/00 (2006.01) A61B 18/14 (2006.01)**
[25] EN
[54] **TEMPERATURE CONTROLLED SHORT DURATION ABLATION**
[54] **ABLATION A COURTE DUREE THERMOCONTROLEE**
[72] GOVARI, ASSAF, IL
[72] EPHRATH, YARON, IL
[72] ALTMANN, ANDRES CLAUDIO, IL
[72] ZILBERMAN, ISRAEL, IL
[71] BIOSENSE WEBSTER (ISRAEL) LTD., IL
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[51] **Int.Cl. A61B 18/12 (2006.01) A61B 5/01 (2006.01) A61B 18/14 (2006.01)**
[25] EN
[54] **TEMPERATURE CONTROLLED SHORT DURATION ABLATION**
[54] **ABLATION A COURTE DUREE THERMOCONTROLEE**
[72] GOVARI, ASSAF, IL
[72] EPHRATH, YARON, IL
[72] ALTMANN, ANDRES CLAUDIO, IL
[72] ZILBERMAN, ISRAEL, IL
[71] BIOSENSE WEBSTER (ISRAEL) LTD., IL
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[13] A1
[51] **Int.Cl. G01N 15/06 (2006.01) F01D 17/02 (2006.01)**
[25] EN
[54] **ELECTROSTATIC DUST AND DEBRIS SENSOR FOR AN ENGINE**
[54] **DETECTEUR ELECTROSTATIQUE DE DEBRIS ET DE POUSSIERE DESTINE A UN MOTEUR**
[72] WICKERT, JOHN DAVID, US
[72] GRIFFIN, GREGORY, US
[72] RICKARDS, CHARLES, US
[72] NOEL, JAMES R., US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2017-01-19
[41] 2017-07-27
[30] US (15/007,289) 2016-01-27

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[13] A1
[51] **Int.Cl. F16H 57/028 (2012.01) F01D 25/16 (2006.01) F02C 7/06 (2006.01) F02C 7/36 (2006.01) F16C 27/04 (2006.01)**
[25] EN
[54] **GEARBOX PLANET SQUEEZE FILM DAMPER**
[54] **AMORTISSEUR A PELLICULE D'HUILE DESTINE A UN ENGRENAGE PLANETAIRE**
[72] NIERGARTH, DANIEL ALAN, US
[72] MILLER, BRANDON WAYNE, US
[72] ERTAS, BUGRA HAN, US
[72] BRADLEY, DONALD ALBERT, US
[72] DICKMAN, JOSEPH ROBERT, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2017-01-19
[41] 2017-07-28
[30] US (15/008,907) 2016-01-28

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[13] A1
[51] **Int.Cl. G06F 21/53 (2013.01) G06F 21/62 (2013.01) G06F 9/54 (2006.01)**
[25] EN
[54] **TRUSTED EXECUTION ENVIRONMENT**
[54] **ENVIRONNEMENT D'EXECUTION DE CONFIANCE**
[72] SEIBEL, JAMES, US
[72] LAFLAMME, KEVIN, US
[72] KOSCHARA, FRED, US
[72] SCHUMAK, REINHARD, US
[72] DEBATE, JEREMY, US
[71] BLACKBERRY LIMITED, CA
[22] 2017-01-19
[41] 2017-07-27
[30] US (15/007,547) 2016-01-27

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[13] A1
[51] **Int.Cl. F23D 11/44 (2006.01) F01D 25/12 (2006.01) F02C 7/14 (2006.01) F02C 7/22 (2006.01) F02C 7/224 (2006.01) F23D 14/66 (2006.01) F23D 14/78 (2006.01) F23R 3/28 (2006.01) F28F 1/42 (2006.01)**
[25] EN
[54] **HEAT EXCHANGER INTEGRATED WITH FUEL NOZZLE**
[54] **ECHANGEUR THERMIQUE INTEGRE COMPORTANT UNE BUSE DE CARBURANT**
[72] SNYDER, DOUGLAS J., US
[71] ROLLS-ROYCE NORTH AMERICAN TECHNOLOGIES, INC., US
[22] 2017-01-19
[41] 2017-07-28
[30] US (62/288,114) 2016-01-28

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[13] A1
[51] **Int.Cl. C04B 35/645 (2006.01) C04B 35/50 (2006.01)**
[25] EN
[54] **METHODS OF PRODUCING CERAMIC MOLDED PRODUCT AND TRANSPARENT SINTERED BODY**
[54] **METHODES DE PRODUCTION DE PRODUIT MOULE EN CERAMIQUE ET CORPS FRITTE TRANSPARENT**
[72] TANAKA, KEITA, JP
[71] SHIN-ETSU CHEMICAL CO., LTD., JP
[22] 2017-01-19
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[30] JP (2016-013462) 2016-01-27

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[13] A1
[51] **Int.Cl. F16K 37/00 (2006.01) F02C 9/18 (2006.01) G01D 5/22 (2006.01)**
[25] EN
[54] **BLEED VALVE POSITION SENSOR**
[54] **CAPTEUR DE POSITION DE PURGEUR**
[72] ARMY, DONALD E., US
[71] HAMILTON SUNDSTRAND CORPORATION, US
[22] 2017-01-19
[41] 2017-07-28
[30] US (15/009,290) 2016-01-28

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[13] A1
[51] **Int.Cl. G07C 9/00 (2006.01)**
[25] EN
[54] **REMOTE APPLICATION FOR CONTROLLING ACCESS**
[54] **APPLICATION A DISTANCE DESTINEE AU CONTROLE D'ACCES**
[72] SIVALINGAM, PRAKASH, US
[72] DHARMALINGAM, VINOTH, US
[72] GOVINDARAJ, RAJAGOPAL, US
[71] HONEYWELL INTERNATIONAL INC., US
[22] 2017-01-17
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[30] US (15/008,237) 2016-01-27

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[13] A1
[51] **Int.Cl. H01M 8/2465 (2016.01) B60K 1/04 (2006.01) B60L 11/18 (2006.01)**
[25] EN
[54] **FUEL CELL UNIT AND VEHICLE FUEL CELL UNIT**
[54] **MODULE DE PILE A COMBUSTIBLE ET MODULE DE PILE A COMBUSTIBLE DE VEHICULE**
[72] KATANO, KOJI, JP
[72] SEKINE, HIROYUKI, JP
[71] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
[22] 2017-01-20
[41] 2017-07-25
[30] JP (2016-011201) 2016-01-25
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[13] A1
[51] **Int.Cl. A63C 9/084 (2012.01)**
[25] EN
[54] **HEEL UNIT FOR A TOURING SKI-BINDING**
[54] **MODULE DE TALON DESTINE A UNE FIXATION DE SKI DE FOND**
[72] STEINKE, MARKUS, DE
[72] KREUZINGER, MICHAEL, DE
[71] STEINKE, MARKUS, DE
[22] 2017-01-23
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[30] DE (10 2016 000 609.9) 2016-01-23

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[13] A1
[51] **Int.Cl. A63C 9/084 (2012.01)**
[25] EN
[54] **SYSTEM FOR A TOURING SKI-BINDING COMPRISING A FRONT UNIT AND A HEEL UNIT**
[54] **DISPOSITIF DESTINE A UNE FIXATION DE SKI DE FOND COMPORTANT UN MODULE DE POINTE ET UN MODULE DE TALON**
[72] STEINKE, MARKUS, DE
[72] KREUZINGER, MICHAEL, DE
[71] STEINKE, MARKUS, DE
[22] 2017-01-23
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[30] DE (10 2016 000 608.0) 2016-01-23

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[13] A1
[51] **Int.Cl. F16J 15/53 (2006.01) F16J 15/324 (2016.01) F02C 7/28 (2006.01) F16J 15/32 (2016.01)**
[25] EN
[54] **MAGNETIC SEAL SYSTEM WITH INTERNAL COOLING**
[54] **DISPOSITIF DE JOINT MAGNETIQUE DOTE DE REFROIDISSEMENT INTERNE**
[72] DE LA BRUERE TERREAULT, JULIEN, CA
[71] PRATT & WHITNEY CANADA CORP., CA
[22] 2017-01-20
[41] 2017-07-25
[30] US (15/005,464) 2016-01-25

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[13] A1
[51] **Int.Cl. A63F 3/06 (2006.01) A63F 13/30 (2014.01) A63F 13/80 (2014.01)**
[25] EN
[54] **NETWORKED BINGO WITH SUPPLEMENTARY WIN FEATURES**
[54] **BINGO EN RESEAU OFFRANT DES OPTIONS DE GAIN SUPPLEMENTAIRES**
[72] HARPUR, RORY ANGUS, ZA
[72] SMITH-BELTON, RORY, ZA
[71] PRIDEFIELD LIMITED, IM
[22] 2017-01-24
[41] 2017-07-25
[30] GB (1601304.7) 2016-01-25

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[13] A1
[51] **Int.Cl. F24D 19/10 (2006.01) F24D 5/02 (2006.01) F24H 3/02 (2006.01) F24H 9/20 (2006.01)**
[25] EN
[54] **HEATING FURNACE USING DISCHARGE AIR HEATING CONTROL MODE**
[54] **CHAUDIERE EMPLOYANT UN MODE DE CONTROLE DE CHAUFFAGE DE L'AIR D'EVACUATION**
[72] PEREZ, ERIC M., US
[72] BESTE, MARK G., US
[72] SCHNEIDER, STEVEN, US
[71] LENNOX INDUSTRIES INC., US
[22] 2017-01-24
[41] 2017-07-26
[30] US (15/006,565) 2016-01-26

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[13] A1
[51] **Int.Cl. B60D 1/48 (2006.01) B60D 3/00 (2006.01)**
[25] EN
[54] **HITCH FOR CONNECTING AN IMPLEMENT TO A VEHICLE**
[54] **ATTELAGE SERVANT A RELIER UN ACCESSOIRE A UN VEHICULE**
[72] GOULET, DENIS, CA
[72] LAMONTAGNE, LOUIS, CA
[71] RAD TECHNOLOGIES INC, CA
[22] 2017-01-24
[41] 2017-07-29
[30] US (62/288,578) 2016-01-29

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[13] A1
[51] **Int.Cl. A47B 47/00 (2006.01) A47B 57/20 (2006.01) A47B 96/14 (2006.01) F16B 7/00 (2006.01)**
[25] EN
[54] **SHELVING APPARATUS**
[54] **APPAREIL DE RAYONNAGE**
[72] TSAI, FRANK, CN
[71] TSAI, FRANK, CN
[22] 2017-01-24
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[54] **FOLDABLE POST FOR SHELVING APPARATUS**
[54] **MONTANT PLIANT DESTINE A UN APPAREIL DE RAYONNAGE**
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[71] TSAI, FRANK, CN
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[54] **CORNERLOCK HAVING A SELF CONFIGURABLE FIRST BODY MEMBER**
[54] **VERROU TOURNANT COMPORTANT UN PREMIER ELEMENT DE CORPS CONFIGURABLE**
[72] ISAACS, JOSEPH D., US
[72] JENSEN, BRIAN, US
[72] PICH, RONALD J., US
[72] FETTING, SCOTT M., US
[72] PICHLER, JACOB D., US
[71] QUANEX HOMESHIELD, LLC, US
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[54] **SHELF SUPPORTING BEAM CONFIGURATION FOR SHELVING APPARATUS**
[54] **CONFIGURATION DE MONTANT DE SUPPORT DE TABLETTE DESTINE A UN APPAREIL DE RAYONNAGE**
[72] TSAI, FRANK, CN
[71] TSAI, FRANK, CN
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[54] **COUVRE-PUITS DE LUMIERE D'AERATION**
[72] MOSBY, GORDON E., US
[71] MOSBY, GORDON E., US
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[54] **HIGH DEFINITION COLORING OF HEART CHAMBERS**
[54] **COLORATION HAUTE DEFINITION DES CAVITES CARDIAQUES**
[72] ZAR, LIOR, IL
[72] KATZ, NATHAN SHARON, IL
[72] COHEN, BENJAMIN, IL
[71] BIOSENSE WEBSTER (ISRAEL) LTD., IL
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[54] **REDUNDANT ACTUATION LOCK DECOUPLING SYSTEM AND METHODS OF USE**
[54] **MECANISME DE DEGAGEMENT DE VERROU A ACTIONNEMENT REDONDANT ET METHODES D'UTILISATION**
[72] REESE, BRIAN TODD, US
[72] MAYER, CODY LYLE, US
[71] SEARS BRANDS, LLC, US
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[54] **WINDOW BLIND**
[54] **STORE DE FENETRE**
[72] CHEN, LIN, CN
[72] NIEN, KENG-HAO, CN
[71] NIEN MADE ENTERPRISE CO., LTD., CN
[22] 2017-01-25
[41] 2017-07-29
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[54] **WINDOW BLIND**
[54] **STORE DE FENETRE**
[72] CHEN, LIN, CN
[72] NIEN, KENG-HAO, CN
[71] NIEN MADE ENTERPRISE CO., LTD., CN
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[54] **COLLECTEUR ROTATIF HYDRAULIQUE**
[72] BOHNER, STEPHAN E., CA
[72] LUONG, JAMES, CA
[71] 2141632 ONTARIO INC., CA
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[54] **CELLULE D'ESSAI DESTINEE A UNE TURBINE D'AERONEF**
[72] RAIMARCKERS, NICOLAS, BE
[72] TACCOGNA, GAETANO, BE
[71] SAFRAN AERO BOOSTERS SA, BE
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[25] EN
[54] **RAILROAD CAR BRAKE SHOE KEY**
[54] **CLAVETTE DE SEMELLE DE FREIN D'UN WAGON DE CHEMIN DE FER**
[72] MORIN, ANDREW J., US
[71] STANDARD CAR TRUCK COMPANY, US
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[41] 2017-07-27
[30] US (62/287,617) 2016-01-27
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[25] EN
[54] **METHODS AND APPARATUS FOR COMPARING DIFFERENT TYPES OF DATA**
[54] **METHODES ET APPAREIL SERVANT A COMPARER DIFFERENTS TYPES DE DONNEES**
[72] RABENOK, VLADIMIR, CA
[71] NEOPOST TECHNOLOGIES, FR
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[54] **METHOD FOR SETTING A SENSOR IN A STRATIGRAPHIC TEST WELL**
[54] **METHODE D'INSTALLATION D'UN CAPTEUR DANS UN PUITS DE TEST STRATIGRAPHIQUE**
[72] FOURNIER, IAN RICHARD, CA
[72] HINRICHS, LARS, CA
[71] VIC PROGRESSIVE DIAMOND DRILLING INC., CA
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[25] EN
[54] **ELECTRIC WATER HEATER HEATING DEVICE**
[54] **DISPOSITIF DE CHAUFFAGE D'UN CHAUFFE-EAU ELECTRIQUE**
[72] LI, KA LUN, HK
[71] LI, KA LUN, HK
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[25] EN
[54] **HYBRID MATERIAL PITOT TUBE**
[54] **TUBE DE PITOT FAIT DE MATERIAU HYBRIDE**
[72] JACOB, ROBIN, IN
[72] MAHAPATRA, GURU PRASAD, IN
[72] JOHNSON, PAUL ROBERT, US
[71] GOODRICH AEROSPACE SERVICES PRIVATE LIMITED, IN
[71] ROSEMOUNT AEROSPACE INC., US
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[30] IN (201641003314) 2016-01-29

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[51] **Int.Cl. F04B 49/06 (2006.01) F04B 47/12 (2006.01) F04B 49/10 (2006.01)**
[25] EN
[54] **KINETIC ENERGY MONITORING FOR A PLUNGER LIFT SYSTEM**
[54] **SURVEILLANCE D'ENERGIE CINETIQUE DESTINEE A UN MECANISME DE POMPE A PISTON PLONGEUR**
[72] SCANTLEBURY, MARK DAVID, CA
[71] EXTREME TELEMATICS CORP., CA
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[41] 2017-07-26
[30] CA (2918,978) 2016-01-26

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[54] **METAL DETERGENTS**
[54] **DETERGENTS METALLIQUES**
[72] SCHWAEBISCH, DIRK, GB
[72] MUSMACHER, JAMIE PAUL, US
[72] CANT, ALASTAIR ALEXANDER, GB
[71] INFINEUM INTERNATIONAL LIMITED, GB
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[51] **Int.Cl. G06F 19/00 (2011.01) G06F 3/14 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR IDENTIFYING ONE OR MORE TERRITORIES**
[54] **METHODE ET APPAREIL D'IDENTIFICATION D'UN OU DE PLUSIEURS TERRITOIRES**
[72] BASHIR, OMID, CA
[72] LENNOX, MARK SEAN, CA
[72] POWELL, PETER O., CA
[72] RABENOK, VLADIMIR, CA
[72] SHIRAZI, SHAHED, CA
[72] XU, FEI, CA
[72] YAN, JIAHUA, CA
[71] NEOPOST TECHNOLOGIES, FR
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[51] **Int.Cl. A42B 3/24 (2006.01) A42B 3/28 (2006.01)**
[25] EN
[54] **CONNECTOR ASSEMBLY FOR A HELMET**
[54] **DISPOSITIF DE CONNECTEUR DESTINE A UN CASQUE**
[72] DEMERS, JEROME, CA
[72] DUTOUR, GREGORY, CA
[72] CHENEVERT, FRANCOIS, CA
[71] BOMBARDIER RECREATIONAL PRODUCTS INC., CA
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[51] **Int.Cl. A47L 11/14 (2006.01) E04F 21/24 (2006.01) F16D 3/56 (2006.01)**
[25] EN
[54] **COUPLING FOR FLOOR PROCESSING MACHINE**
[54] **RACCORD DE MACHINE DE TRAITEMENT DE PLANCHER**
[72] BERGSTRAND, CLAES-GORAN, SE
[72] PERSSON, MARTIN, SE
[71] SCANMASKIN SVERIGE AB, SE
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[25] EN
[54] **WEBLESS CORRUGATED DUAL WALL FOUNDATION DRAIN AND RELATED METHOD**
[54] **DRAIN DE FONDATION A DOUBLE PAROI, ONDULE, SANS AME ET METHODE ASSOCIEE**
[72] DOUGLASS, CARL RAYMOND, III, US
[71] PRINSCO, INC., US
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[41] 2017-07-29
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[25] EN
[54] **HELMET**
[54] **CASQUE**
[72] DUTOUR, GREGORY, CA
[72] DEMERS, JEROME, CA
[72] TAZBAZ, ANTOINE, CA
[71] BOMBARDIER RECREATIONAL PRODUCTS INC., CA
[22] 2017-01-26
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[51] **Int.Cl. E21B 43/00 (2006.01) E21B 43/26 (2006.01)**
[25] FR
[54] **EXPLORATION PROCESS FOR A FLUID DEPOSIT CROSSED BY FRACTURES BY MEANS OF A FLOW SIMULATION BASED ON FLOW EXCHANGE AND A CORRECTIVE FACTOR**
[54] **PROCEDE POUR L'EXPLOITATION D'UN GISEMENT DE FLUIDE TRAVERSE PAR DES FRACTURES AU MOYEN D'UNE SIMULATION D'ECOULEMENT BASEE SUR UN FLUX D'ECHANGE ET UN FACTEUR CORRECTIF**
[72] BOURBIAUX, BERNARD, FR
[72] DING, DIDIER YU, FR
[71] IFP ENERGIES NOUVELLES, FR
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[25] EN
[54] **COMPOSITE FID-CPMG PROCESS FOR FAST RELAXING MEDIA DETERMINATION**
[54] **PROCEDE DE FID-CPMG COMPOSITE DESTINE A DETERMINER LA DETENTE RAPIDE D'UN MILIEU**
[72] KANTZAS, APOSTOLOS, CA
[72] KRIOUTCHKOV, SERGUEI L., CA
[72] WANG, ZHENG YIN, CA
[71] PERM INSTRUMENTS INC., CA
[22] 2017-01-25
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[51] **Int.Cl. E01H 5/06 (2006.01)**
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[54] **WEAR-RESISTANT COATING**
[54] **REVETEMENT RESISTANT A L'USURE**
[72] HAWKINS, PATRICK, US
[71] IRONHAWK INDUSTRIAL DISTRIBUTION LLC, US
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[51] **Int.Cl. B66F 11/04 (2006.01) B66F 3/30 (2006.01) E01D 18/00 (2006.01) E04G 21/32 (2006.01)**
[25] EN
[54] **GANGWAY HAVING HYDRAULIC POSITION LOCKING ASSEMBLY**
[54] **PASSAGE COMPORTANT UN MECANISME HYDRAULIQUE DE BLOCAGE DE POSITION**
[72] REICHERT, JEFF W., US
[72] SCOTT, JEFFREY DAVID, US
[71] SAFE RACK, LLC, US
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[41] 2017-07-26
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[51] **Int.Cl. H04W 48/16 (2009.01) H04W 84/04 (2009.01)**
[25] EN
[54] **WIRELESS COMMUNICATION SYSTEM AND METHOD FOR TRAINS AND OTHER VEHICLES USING TRACKSIDE BASE STATIONS**
[54] **SYSTEME DE COMMUNICATION SANS FIL ET METHODE DESTINEE AUX TRAINS ET AUTRES VEHICULES EMPLOYANT DES POSTES DE BASE LATERAUX**
[72] KARLSSON, MATS, SE
[72] EKLUND, PETER, SE
[71] ICOMERA AB, SE
[22] 2017-01-27
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[51] **Int.Cl. H01Q 1/46 (2006.01) H01Q 5/50 (2015.01)**
[25] EN
[54] **COMPACT AND LIGHTWEIGHT TEM-LINE NETWORK FOR RF COMPONENTS OF ANTENNA SYSTEMS**
[54] **RESEAU DE LIENS TEM COMPACT ET LEGER DESTINE A DES COMPOSANTES RF DE SYSTEMES D'ANTENNES**
[72] UHER, JAROSLAW, CA
[72] LAMOUREUX, STEPHANE, CA
[72] RICHARD, SYLVAIN, CA
[71] MACDONALD, DETTWILER AND ASSOCIATES CORPORATION, CA
[22] 2017-01-27
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[25] EN
[54] **WIRELESS COMMUNICATION SYSTEM AND METHOD FOR TRAINS AND OTHER VEHICLES USING TRACKSIDE BASE STATIONS**
[54] **SYSTEME DE COMMUNICATION SANS FIL ET METHODE DESTINEE AUX TRAINS ET AUTRES VEHICULES EMPLOYANT DES POSTES DE BASE LATERAUX**
[72] KARLSSON, MATS, SE
[72] EKLUND, PETER, SE
[71] ICOMERA AB, SE
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[25] EN
[54] **GATE CROSSING ARM COLLISION DETECTION SYSTEM AND METHOD**
[54] **SYSTEME DE DETECTION DE COLLISION AVEC UN MONTANT TRANSVERSAL DE BARRIERE ET METHODE**
[72] DEJARNATT, BARTON, US
[72] PLESS, TRAVIS, US
[71] SIEMENS INDUSTRY, INC., US
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[25] EN
[54] **HYDRAULIC FRACTURE COMPOSITION AND METHOD**
[54] **COMPOSITION DE FRACTURATION HYDRAULIQUE ET METHODE**
[72] LEVERSON, RYAN, US
[72] HENDRICKSON, CALDER, US
[72] THRASH, TOMMY K., US
[71] SUPERIOR SILICA SANDS, LLC, US
[22] 2017-01-27
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[30] US (15/011,111) 2016-01-29
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[25] EN
[54] **METHOD AND SYSTEM OF PROVIDING CONTEXT AWARE ANNOUNCEMENTS**
[54] **METHODE ET SYSTEME DE COMMUNICATION D'ANNONCES CONTEXTUELLES**
[72] GRAY, THOMAS A., CA
[72] HILLIER, KATAYOUN, CA
[72] HILLIER, PETER, CA
[71] MITEL NETWORKS CORPORATION, CA
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[25] EN
[54] **ROD ROTATOR**
[54] **ROTATEUR DE TIGE**
[72] GRONNING, DAVID, CA
[71] GLOBAL OIL AND GAS SUPPLIES INC., CA
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[41] 2017-07-29
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[51] **Int.Cl. A61F 5/01 (2006.01)**
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[54] **MULTIFUNCTIONAL BRACE**
[54] **SUPPORT MULTIFONCTIONNEL**
[72] TESSIER, EMMANUELLE, CA
[71] TESSIER, EMMANUELLE, CA
[22] 2017-01-30
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[51] **Int.Cl. B65G 1/16 (2006.01) B65G 1/02 (2006.01) B65G 1/14 (2006.01)**
[25] EN
[54] **HONEYCOMB STORAGE SYSTEM AND COMMISSIONING DEVICE FOR A HONEYCOMB STORAGE SYSTEM**
[54] **SYSTEME DE STOCKAGE ALVEOLE ET DISPOSITIF DE MISE EN SERVICE D'UN SYSTEME DE STOCKAGE ALVEOLE**
[72] STOLZER, ARMIN, DE
[71] KEURO BESITZ GMBH & CO. EDV-DIENSTLEISTUNGS KG, DE
[22] 2017-01-27
[41] 2017-07-29
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[25] EN
[54] **TEMPERATURE OF A LINK CAPACITOR**
[54] **TEMPERATURE D'UN CONDENSATEUR DE LIAISON**
[72] DOPPELHAMMER, KLAUS, AT
[72] EDER, JOHANN, AT
[72] MAYRHOFER-HUBER, GERHARD, AT
[71] BERNECKER + RAINER INDUSTRIE-ELEKTRONIK GES.M.B.H, AT
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[25] EN
[54] **ENGINE ASSEMBLY WITH TURBINE SUPPORT CASING**
[54] **ASSEMBLAGE MOTEUR DOTE D'UN LOGEMENT DE SUPPORT DE TURBINE**
[72] FONTAINE, MIKE, CA
[72] BOLDUC, SEBASTIEN, CA
[72] VILLENEUVE, BRUNO, CA
[71] PRATT & WHITNEY CANADA CORP., CA
[22] 2017-01-27
[41] 2017-07-29
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[51] **Int.Cl. F02B 53/14 (2006.01) B64D 33/02 (2006.01) F01C 1/22 (2006.01) F02B 33/40 (2006.01) F02B 37/02 (2006.01) F02C 7/04 (2006.01)**
[25] EN
[54] **INLET GUIDE ASSEMBLY**
[54] **MECANISME DE GUIDAGE D'ENTREE**
[72] THOMASSIN, JEAN, CA
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[71] TYR TACTICAL, LLC, US
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[72] LUNDQUIST, SEAN, US
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[72] MCGUIGAN, CHRISTOPHER, GB
[72] FERRARI, VALENTINA, GB
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[72] MENDES, MARIO, PT
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[54] **ALIMENTS A MACHER POUR ANIMAUX COMESTIBLES A MASSE VOLUMIQUE FAIBLE ET LEURS PROCEDES DE FABRICATION**
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[54] **UTILISATION DE RESLIZUMAB POUR TRAITER UN ASTHME EOSINOPHILIQUE MODERE A SEVERE**
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[72] O'BRIEN, CHRISTOPHER, US
[72] ZANGRILLI, JAMES, US
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[72] JARVIS, CHUNG HSUAN, US
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[54] **PROMOTEUR VEGETAL BIDIRECTIONNEL SYNTHETIQUE**
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[72] CICAK, TOBY, US
[72] ROBINSON, HEATHER LEIGH, US
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[72] CHEN, WEI, US
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[54] **REINFORCED COMPOSITES, METHODS OF MANUFACTURE, AND ARTICLES THEREFROM**
[54] **COMPOSITES RENFORCES, PROCEDES DE FABRICATION ET ARTICLES OBTENUS A PARTIR DE CEUX-CI**
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[72] XU, ZHIYUE, US
[71] BAKER HUGHES INCORPORATED, US
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[54] **INCREASED SALT PERCEPTION IN PROCESSED FOOD BY INHOMOGENEOUS SODIUM DISTRIBUTION**
[54] **AUGMENTATION DE LA PERCEPTION DE GOUT SALE DANS DES ALIMENTS TRANSFORMES PAR REPARTITION NON HOMOGENE DU SODIUM**
[72] WOO, KYUNGSOO, US
[71] NESTEC S.A., CH
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[54] **METHODS AND COMPOSITIONS FOR PRESERVING LEAN BODY MASS AND PROMOTING FAT LOSS DURING WEIGHT LOSS**
[54] **PROCEDES ET COMPOSITIONS VISANT A PRESERVER LA MASSE CORPORELLE MAIGRE ET A FAVORISER LA PERTE DE GRAISSE PENDANT UNE PERTE DE POIDS**
[72] PAN, YUANLONG, US
[72] XU, HUI, US
[72] BHATNAGAR, SANDEEP, US
[71] NESTEC S.A., CH
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[25] EN
[54] **RESORBABLE DEVICE FOR RECONSTRUCTING ROTATOR CUFFS**
[54] **DISPOSITIF RESORBABLE POUR LA RECONSTRUCTION DE COIFFES DES ROTATEURS**
[72] SAMBUSSETI, ANTONIO, IT
[71] SAMBUSSETI, ANTONIO, IT
[85] 2017-05-02
[86] 2015-11-12 (PCT/IB2015/058750)
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[54] **ELASTIC DEVICE FOR RECONSTRUCTING ROTATOR CUFFS**
[54] **DISPOSITIF ELASTIQUE POUR LA RECONSTRUCTION DES COIFFES DES ROTATEURS**
[72] SAMBUSSETI, ANTONIO, IT
[71] SAMBUSSETI, ANTONIO, IT
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[25] FR
[54] **HEMOPATHY PROGNOSIS METHOD**
[54] **METHODE DE PRONOSTIC D'HEMOPATHIES**
[72] HERAULT, OLIVIER, FR
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (CNRS), FR
[71] UNIVERSITE FRANCOIS RABELAIS, FR
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[54] **PROCEDE DE MISE A JOUR DE PROBABILITE POUR UN CODAGE/DECODAGE ARITHMETIQUE BINAIRE, ET APPAREIL DE CODAGE/DECODAGE ENTROPIQUE L'UTILISANT**
[72] ALSHIN, ALEXANDER, KR
[72] ALSHINA, ELENA, KR
[71] SAMSUNG ELECTRONICS CO., LTD., KR
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[25] EN
[54] **NUCLEIC ACID COMPOUNDS FOR BINDING GROWTH DIFFERENTIATION FACTOR 11**
[54] **COMPOSES D'ACIDE NUCLEIQUE POUR LA LIAISON DU FACTEUR 11 DE CROISSANCE ET DE DIFFERENCIATION**
[72] OCHSNER, URS, US
[72] GREEN, LOUIS, US
[72] ZICHI, DOM, US
[72] JANJIC, NEBOJSA, US
[71] SOMALOGIC, INC., US
[85] 2017-05-04
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[54] **HUMANIZED TAU ANTIBODIES IN ALZHEIMER'S DISEASE**
[54] **ANTICORPS ANTI-TAU HUMANISES DANS LA MALADIE D'ALZHEIMER**
[72] NOVAK, MICHAL, SK
[72] KONTSEKOVA, EVA, SK
[72] KOVACECH, BRANISLAV, SK
[72] SKRABANA, ROSTISLAV, SK
[71] AXON NEUROSCIENCE SE, SK
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[25] EN
[54] **TARGET BODY FOR AN ISOTOPE PRODUCTION SYSTEM AND METHOD OF USING THE SAME**
[54] **CORPS CIBLE POUR SYSTEME DE PRODUCTION D'ISOTOPES ET SON PROCEDE D'UTILISATION**
[72] ZHANG, XI, US
[72] FRONTERA, MARK ALAN, US
[72] ZAVODSZKY, PETER ANDRAS, US
[72] ERIKSSON, TOMAS AKE, US
[71] GENERAL ELECTRIC COMPANY, US
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[54] **HEAT EXCHANGE SYSTEM FOR PATIENT TEMPERATURE CONTROL WITH EASY LOADING HIGH PERFORMANCE PERISTALTIC PUMP**
[54] **SYSTEME D'ECHANGE DE CHALEUR POUR REGULATION DE TEMPERATURE DE PATIENT COMPORTANT UNE POMPE PERISTALTIQUE HAUTE PERFORMANCE A CHARGEMENT AISE**
[72] HENDRICKS, AUSTIN REID, US
[72] PAMICHEV, CHRISTO PETROV, US
[72] GURUKULA, VENKATA VISHNU, US
[72] DABROWIAK, JEREMY THOMAS, US
[71] ZOLL CIRCULATION, INC., US
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[54] **NON-PARAMETRIC METHOD OF AND SYSTEM FOR ESTIMATING DIMENSIONS OF OBJECTS OF ARBITRARY SHAPE**
[54] **PROCEDE NON PARAMETRIQUE D'ESTIMATION DES DIMENSIONS D'OBJETS A FORMES ARBITRAIRES ET SYSTEME POUR L'ESTIMATION DES DIMENSIONS D'OBJETS A FORMES ARBITRAIRES**
[72] PATEL, ANKUR R., US
[72] O'CONNELL, KEVIN J., US
[72] TASKIRAN, CUNEYT M., US
[72] WILLIAMS, JAY J., US
[71] SYMBOL TECHNOLOGIES, LLC, US
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[54] **EMULSION FOR A CLEAR BEVERAGE**
[54] **EMULSION POUR BOISSON LIMPIDE**
[72] BOKKELEN, REGINALD, BE
[72] VAN BENEDEN, WOUTER M.G.M, BE
[71] CARGILL, INCORPORATED, US
[85] 2017-05-05
[86] 2015-11-13 (PCT/US2015/060596)
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[25] EN
[54] **SUBSURFACE PIPE DIMENSION AND POSITION INDICATING DEVICE**
[54] **DISPOSITIF D'INDICATION DE DIMENSION ET DE POSITION DE TUYAU SOUTERRAIN**
[72] CORTEZ, STEVE M., US
[71] BAKER HUGHES INCORPORATED, US
[85] 2017-05-05
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[25] EN
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[54] **DISPOSITIF DE DOSAGE**
[72] GUELLER, ROLF, CH
[72] SCHNEIDER, MICHAEL, CH
[72] THALER, THOMAS, CH
[72] SCHINDLER, MARKUS, CH
[71] CHEMSPEED TECHNOLOGIES AG, CH
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[86] 2015-11-09 (PCT/CH2015/000165)
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[54] **DEVICE FOR GRANULATING SLUDGE**
[54] **DISPOSITIF DE GRANULATION DE BOUES**
[72] LAXHUBER, THOMAS CHRISTIAN, DE
[72] LATEIN, TOBIAS, DE
[71] STELA LAXHUBER GMBH, DE
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[25] EN
[54] **FORCE SENSING DEVICE**
[54] **DISPOSITIF DE DETECTION DE FORCE**
[72] ELANGOVAN, HARIPRASHANTH, GB
[72] KAPATOS, CHRISTOS, GB
[71] HCI VIOCARE TECHNOLOGIES LTD., GB
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[86] 2015-12-10 (PCT/GB2015/053785)
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[54] **LOCALISING PORTABLE APPARATUS**
[54] **LOCALISATION D'UN APPAREIL PORTABLE**
[72] MADDERN, WILLIAM PAUL, GB
[72] STEWART, ALEXANDER DOUGLAS, GB
[72] NEWMAN, PAUL MICHAEL, GB
[72] PASCOE, GEOFFREY MICHAEL, GB
[71] THE CHANCELLOR MASTERS AND SCHOLARS OF THE UNIVERSITY OF OXFORD, GB
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[54] **CONJUGUES ANTICORPS-MEDICAMENT**
[72] ABRAMS, TINYA, US
[72] COHEN, STEVEN, US
[72] DAMIANO, JASON, US
[72] DURR, CLEMENS, CH
[72] HUBER, THOMAS, CH
[72] MENEZES, DANIEL, US
[72] MILLER, KATHY, US
[72] RENDAHL, KATHERINE, US
[72] RONDEAU, JEAN-MICHEL RENE, CH
[71] NOVARTIS AG, CH
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[54] **HAY PRESERVATIVE AND METHODS FOR PRESERVATION OF HAY**
[54] **AGENT CONSERVATEUR DE FOIN ET PROCEDES DE CONSERVATION DU FOIN**
[72] SINDOU, JULIEN, FR
[72] DURAND, HENRI, FR
[71] DANSTAR FERMENT AG, CH
[85] 2017-05-10
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[54] **METHOD FOR PREDICTING RESISTANCE**
[54] **PROCEDE DE PREDICTION D'UNE RESISTANCE**
[72] SANTI, NINA, NO
[72] MOEN, THOMAS, NO
[72] ODEGARD, JORGEN, NO
[71] AQUA GEN AS, NO
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[54] **METHOD FOR TRANSMITTING UPLINK CONTROL INFORMATION AND DEVICE THEREFOR**
[54] **PROCEDE DE TRANSMISSION D'INFORMATIONS DE COMMANDE DE LIAISON MONTANTE ET SON DISPOSITIF**
[72] PARK, HANJUN, KR
[72] YANG, SUCKCHEL, KR
[72] HWANG, DAESUNG, KR
[72] AHN, JOONKUI, KR
[72] LEE, SEUNGMIN, KR
[72] LEE, HYUNHO, KR
[71] LG ELECTRONICS INC., KR
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[30] US (62/089,176) 2014-12-08
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[54] **TARGETRY COUPLED SEPARATIONS**
[54] **SEPARATIONS COUPLEES A DES CIBLES**
[72] CZERWINSKI, KEN, US
[72] WALTER, JOSHUA C., US
[71] TERRAPOWER, LLC, US
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[72] NORRIS, MICHAEL W., US
[71] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US
[85] 2017-05-10
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[54] **DISPOSITIF DE SECURITE DE DEBITMETRE D'ORIFICE**
[72] KNOLL, FRED, US
[71] DANIEL MEASUREMENT AND CONTROL, INC., US
[85] 2017-05-10
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[25] EN
[54] **TRANSFORMER IN-SITU INSPECTION VEHICLE WITH A CAGE HULL**
[54] **TRANSFORMATEUR DE VEHICULE D'INSPECTION IN SITU AVEC COQUE DE CAGE**
[72] ROSSANO, GREGORY F., US
[72] EAKINS, WILLIAM, US
[72] LASKO, DANIEL T., US
[72] FUHLBRIGGE, THOMAS A., US
[72] SALM, ANDREW M., US
[72] ZHANG, GEORGE, US
[71] ABB SCHWEIZ AG, CH
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[25] EN
[54] **RADIATION SHIELDING COMPOSITION AND METHOD OF MAKING THE SAME**
[54] **COMPOSITION DE PROTECTION CONTRE LES RAYONNEMENTS ET SON PROCEDE DE PREPARATION**
[72] LANDRY-DESY, ETIENNE, CA
[72] BERNIER, FABRICE, CA
[72] GIASSON, GENEVIEVE, CA
[72] NAWAZ, MUHAMMAD Z., US
[71] 3M INNOVATIVE PROPERTIES COMPANY, US
[71] NATIONAL RESEARCH COUNCIL OF CANADA, CA
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[54] **TARGET ANALYTE DETECTION AND QUANTIFICATION IN SAMPLE GASES WITH COMPLEX BACKGROUND COMPOSITIONS**
[54] **DETECTION ET QUANTIFICATION D'ANALYTES CIBLES DANS DES ECHANTILLONS DE GAZ PRESENTANT DES COMPOSITIONS DE BASE COMPLEXES**
[72] LIU, XIANG, US
[72] FEITISCH, ALFRED, US
[72] HELBLEY, KEITH BENJAMIN, US
[72] TEDESCO, JAMES, US
[71] SPECTRASENSORS, INC., US
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[54] **CD47 ANTIBODIES, METHODS, AND USES**
[54] **ANTICORPS ANTI-CD47, PROCEDES ET UTILISATIONS**
[72] DONG, JIANYING, US
[72] CARDOSO, ROSA, US
[72] ZHOU, HONG, MIMI, US
[72] PIETSCH, CHRISTINE, US
[71] JANSSEN PHARMACEUTICA NV, BE
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[54] **MOLTEN NUCLEAR FUEL SALTS AND RELATED SYSTEMS AND METHODS**
[54] **SELS COMBUSTIBLES NUCLEAIRES FONDUS ET SYSTEMES ET PROCEDES ASSOCIES**
[72] CHEATHAM, JESSE R., III, US
[72] CISNEROS, ANSELMO T., JR., US
[72] CZERWINSKI, KEN, US
[72] EL-DASHER, BASSEM S., US
[72] KELLEHER, BRIAN C., US
[72] KERLIN, WILLIAM M., US
[72] KRAMER, KEVIN, US
[72] LATKOWSKI, JEFFERY F., US
[72] PETROSKI, ROBERT C., US
[72] WALTER, JOSHUA C., US
[71] TERRAPOWER, LLC, US
[85] 2017-05-10
[86] 2015-12-29 (PCT/US2015/067905)
[87] (WO2016/109565)
[30] US (62/097,235) 2014-12-29
[30] US (62/098,984) 2014-12-31
[30] US (62/234,889) 2015-09-30

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[51] **Int.Cl. G21C 1/22 (2006.01) G21C 7/30 (2006.01) G21C 19/28 (2006.01) G21C 19/50 (2006.01) G21C 3/54 (2006.01) G21C 17/104 (2006.01)**
[25] EN
[54] **FISSION REACTION CONTROL IN A MOLTEN SALT REACTOR**
[54] **COMMANDE DE REACTION DE FISSION DANS UN REACTEUR A SEL FONDU**
[72] CHEATHAM, JESSE R., III, US
[72] CISNEROS, ANSELMO T., JR., US
[72] LATKOWSKI, JEFFERY F., US
[72] VOLLMER, JAMES M., US
[72] JOHNS, CHRISTOPHER J., US
[71] TERRAPOWER, LLC, US
[85] 2017-05-10
[86] 2015-12-29 (PCT/US2015/067923)
[87] (WO2016/109579)
[30] US (62/097,235) 2014-12-29
[30] US (62/098,984) 2014-12-31
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[13] A1
[51] **Int.Cl. G21C 7/08 (2006.01)**
[25] EN
[54] **FLUX-SHIFTING REACTIVITY CONTROL SYSTEM**
[54] **SYSTEME DE COMMANDE DE REACTIVITE A DECALAGE DE FLUX**
[72] CHEATHAM, JESSE R., III, US
[71] TERRAPOWER, LLC, US
[85] 2017-05-10
[86] 2015-12-30 (PCT/US2015/068191)
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[30] US (62/098,963) 2014-12-31

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[13] A1
[51] **Int.Cl. G21C 9/02 (2006.01) G05D 7/03 (2006.01) G21C 7/16 (2006.01)**
[25] EN
[54] **AUTOMATIC HYDROPNEUMATIC ACTUATION DEVICE**
[54] **DISPOSITIF D'ACTIONNEMENT HYDROPNEUMATIQUE AUTOMATIQUE**
[72] CHEATHAM, JESSE R., III, US
[72] CORBIN, ROBERT A., US
[72] HEJZLAR, PAVEL, US
[72] JOHNS, CHRISTOPHER J., US
[72] MCWHIRTER, JON D., US
[72] MENG, JASON BRIAN, US
[72] PARK, P. HARLEY, US
[72] PETROSKI, ROBERT C., US
[71] TERRAPOWER, LLC, US
[85] 2017-05-10
[86] 2015-12-31 (PCT/US2015/068285)
[87] (WO2016/109798)
[30] US (62/098,943) 2014-12-31

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[13] A1
[51] **Int.Cl. G21C 19/50 (2006.01) G21C 1/22 (2006.01)**
[25] EN
[54] **NUCLEAR MATERIALS PROCESSING**
[54] **TRAITEMENT DE MATERIAUX NUCLEAIRES**
[72] WALTER, JOSHUA C., US
[72] CZERWINSKI, KEN, US
[71] TERRAPOWER, LLC, US
[85] 2017-05-10
[86] 2015-12-28 (PCT/US2015/067704)
[87] (WO2016/109442)
[30] US (62/097,235) 2014-12-29
[30] US (62/098,984) 2014-12-31
[30] US (62/234,889) 2015-09-30

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[13] A1
[51] **Int.Cl. H01P 1/20 (2006.01) G01S 19/36 (2010.01) H01Q 5/321 (2015.01) H01P 7/10 (2006.01) H01Q 1/52 (2006.01)**
[25] FR
[54] **COMPACT, MULTIBAND AND OPTIONALLY RECONFIGURABLE HIGH-IMPEDANCE SURFACE DEVICE AND ASSOCIATED PROCESS**
[54] **DISPOSITIF DE SURFACE A HAUTE IMPEDANCE COMPACT, MULTIBANDES ET EVENTUELLEMENT RECONFIGURABLE, ET PROCEDE ASSOCIE**
[72] MARTEL, CEDRIC, FR
[71] ONERA, FR
[85] 2017-05-12
[86] 2015-11-26 (PCT/FR2015/053220)
[87] (WO2016/087749)
[30] FR (1461962) 2014-12-05

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[25] EN
[54] **PET FOOD FEEDING METHOD, GRANULAR PET FOOD, AND PET FOOD PACKAGING**
[54] **METHODE D'ALIMENTATION AVEC UN ALIMENT POUR ANIMAUX DE COMPAGNIE, ALIMENT GRANULAIRE POUR ANIMAUX DE COMPAGNIE ET CONDITIONNEMENT D'ALIMENTS POUR ANIMAUX DE COMPAGNIE**
[72] MIYAMOTO, KATSUNORI, JP
[72] INOUE, KAZUNORI, JP
[72] YOSHIDA, KOTARO, JP
[71] UNICHARM CORPORATION, JP
[85] 2017-05-12
[86] 2014-12-16 (PCT/JP2014/083213)
[87] (WO2016/079884)
[30] JP (2014-233962) 2014-11-18

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[13] A1
[51] **Int.Cl. A23K 40/30 (2016.01) A23K 20/00 (2016.01) A23K 20/158 (2016.01) A23K 50/40 (2016.01)**
[25] EN
[54] **PET FOOD FOR CATS AND METHOD OF PRODUCING SAME**
[54] **ALIMENT POUR ANIMAUX DE COMPAGNIE DESTINES AUX CHATS ET SON PROCEDE DE FABRICATION**
[72] YOSHIDA, KOTARO, JP
[72] INOUE, KAZUNORI, JP
[72] MIYAMOTO, KATSUNORI, JP
[71] UNICHARM CORPORATION, JP
[85] 2017-05-12
[86] 2014-12-16 (PCT/JP2014/083234)
[87] (WO2016/079886)
[30] JP (2014-233963) 2014-11-18

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[51] **Int.Cl. G01V 9/00 (2006.01) G01V 13/00 (2006.01) E21B 47/00 (2012.01)**
[25] EN
[54] **IMAGE FEATURE ALIGNMENT**
[54] **ALIGNEMENT D'ELEMENT D'IMAGE**
[72] GELMAN, ANDRIY, US
[72] JARROT, ARNAUD, US
[72] LARONGA, ROBERT, FR
[71] SCHLUMBERGER CANADA LIMITED, CA
[85] 2017-05-12
[86] 2015-11-13 (PCT/US2015/060641)
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[30] US (62/079,967) 2014-11-14

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[51] **Int.Cl. B31D 5/00 (2017.01) B31D 1/00 (2017.01) B31D 3/04 (2006.01) B65D 81/03 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR EXPANDING A SLIT SHEET MATERIAL TO FORM AN EXPANDED PACKAGING PRODUCT**
[54] **APPAREIL ET PROCEDE POUR L'EXPANSION D'UN MATERIAU EN FEUILLES A FENTES POUR FORMER UN PRODUIT D'EMBALLAGE EXPANSE**
[72] CHEICH, ROBERT, US
[72] DEMERS, RAIMOND, NL
[72] HUBERTUS, CALS, FR
[72] URBAN, PETER, US
[71] RANPAK CORPORATION, US
[85] 2017-05-12
[86] 2015-11-13 (PCT/US2015/060638)
[87] (WO2016/077728)
[30] US (62/078,972) 2014-11-13
[30] US (62/109,887) 2015-01-30

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[51] **Int.Cl. G01C 23/00 (2006.01) G01S 7/04 (2006.01)**
[25] EN
[54] **APPARATUS FOR MONITORING AIRCRAFT POSITION**
[54] **APPAREIL DE SURVEILLANCE DE POSITION D'AERONEF**
[72] GIBSON, PAUL, GB
[72] LACROIX, YANIK, CA
[72] VACHON, BENOIT JEAN JOSEPH, CA
[71] SITA INFORMATION NETWORKING COMPUTING UK LIMITED, GB
[85] 2017-05-15
[86] 2015-12-02 (PCT/GB2015/053679)
[87] (WO2016/087848)
[30] GB (1421394.6) 2014-12-02
[30] US (14/558,063) 2014-12-02

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[51] **Int.Cl. H02H 1/00 (2006.01) H01H 83/04 (2006.01)**
[25] EN
[54] **APPARATUSES AND METHODS FOR PASSIVE FAULT MONITORING OF CURRENT SENSING DEVICES IN PROTECTIVE CIRCUIT INTERRUPTERS**
[54] **APPAREILS ET PROCEDES DE SURVEILLANCE DE DEFAUT PASSIVE DE DISPOSITIFS DE DETECTION DE COURANT DANS DES DISJONCTEURS DE PROTECTION**
[72] MILLER, WILLIAM VERNON, III, US
[72] CHEN, EDWARD SHI, US
[72] MILLER, GARY MICHAEL, US
[71] HUBBELL INCORPORATED, US
[85] 2017-05-15
[86] 2015-11-19 (PCT/US2015/061472)
[87] (WO2016/085738)
[30] US (62/084,924) 2014-11-26

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[51] **Int.Cl. C12N 15/113 (2010.01) A61K 31/713 (2006.01) C07H 21/02 (2006.01) C12Q 1/68 (2006.01) C07K 14/775 (2006.01)**
[25] EN
[54] **APOLIPOPROTEIN C3 (APOC3) IRNA COMPOSITIONS AND METHODS OF USE THEREOF**
[54] **COMPOSITIONS D'ARNI D'APOLIPOPROTEINE C3 (APOC3) ET PROCEDES D'UTILISATION DE CES COMPOSITIONS**
[72] FITZGERALD, KEVIN, US
[72] QUERBES, WILLIAM, US
[72] BUTLER, JAMES, US
[72] WILLIAMS, STEPHANIE, US
[72] LIEBOW, ABIGAIL, US
[72] HINKLE, GREGORY, US
[72] MAIER, MARTIN, US
[72] MILSTEIN, STUART, US
[72] KUCHIMANCHI, SATYANARAYANA, US
[72] MANOHARAN, MUTHIAH, US
[71] ALNYLAM PHARMACEUTICALS, INC., US
[85] 2017-05-16
[86] 2015-11-17 (PCT/US2015/061065)
[87] (WO2016/081444)
[30] US (62/080,941) 2014-11-17
[30] US (62/136,159) 2015-03-20

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[51] **Int.Cl. C01B 32/00 (2017.01) H01G 11/36 (2013.01) C01B 32/182 (2017.01) C01B 32/198 (2017.01) C01F 5/02 (2006.01) C01G 3/02 (2006.01) C01G 31/02 (2006.01) C01G 39/02 (2006.01) C01G 45/02 (2006.01) C01G 49/06 (2006.01) C01G 51/04 (2006.01) C01G 53/04 (2006.01) C01G 55/00 (2006.01)**
[25] EN
[54] **POROUS INTERCONNECTED CORRUGATED CARBON-BASED NETWORK (ICCN) COMPOSITE**
[54] **COMPOSITE DE RESEAU A BASE DE COUCHES DE CARBONE ONDULE INTERCONNECTEES (ICCN) POREUX**
[72] EL-KADY, MAHER F., US
[72] KANER, RICHARD B., US
[72] HWANG, JEE YOUN, US
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
[85] 2017-05-16
[86] 2015-11-18 (PCT/US2015/061400)
[87] (WO2016/081638)
[30] US (62/081,237) 2014-11-18

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[13] A1
[51] **Int.Cl. G01S 3/808 (2006.01) G01H 17/00 (2006.01) G01S 15/50 (2006.01)**
[25] EN
[54] **METHODS AND SYSTEMS FOR SPECTRAL ANALYSIS OF SONAR DATA**
[54] **PROCEDES ET SYSTEMES D'ANALYSE SPECTRALE DE DONNEES SONAR**
[72] LIM, HOCK-SIONG, SG
[72] NG, BOON POH, SG
[72] REDDY, VINOD VEERA, SG
[71] THALES SOLUTIONS ASIA PTE LTD., SG
[71] NANYANG TECHNOLOGICAL UNIVERSITY, SG
[85] 2017-05-17
[86] 2014-12-02 (PCT/SG2014/000572)
[87] (WO2016/089300)

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[13] A1
[51] **Int.Cl. A22C 29/02 (2006.01) A22C 29/00 (2006.01) B65G 15/30 (2006.01) B65G 21/20 (2006.01) B65G 47/22 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR DESHELLING SHELLFISH**
[54] **PROCEDE ET APPAREIL POUR LE DECORTICAGE DE FRUITS DE MER**
[72] CARLSON, ERIC, US
[71] CARLSON, ERIC, US
[85] 2017-05-17
[86] 2015-10-22 (PCT/US2015/056798)
[87] (WO2016/081139)
[30] US (62/082,247) 2014-11-20

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[51] **Int.Cl. C12N 15/31 (2006.01) A01H 5/10 (2006.01) A01N 63/02 (2006.01) A01P 7/04 (2006.01) C07K 14/195 (2006.01) C12N 1/21 (2006.01) C12N 5/10 (2006.01) C12N 15/63 (2006.01) C12N 15/82 (2006.01) C07K 14/32 (2006.01)**
[25] EN
[54] **NOVEL INSECT INHIBITORY PROTEINS**
[54] **NOUVELLES PROTEINES INHIBITRICES D'INSECTES**
[72] BEAN, GREGORY J., US
[72] BOWEN, DAVID J., US
[72] CHAY, CATHERINE A., US
[72] HOWE, ARLENE R., US
[72] MILLIGAN, JASON S., US
[72] YIN, YONG, US
[71] MONSANTO TECHNOLOGY LLC, US
[85] 2017-05-17
[86] 2015-11-18 (PCT/US2015/061371)
[87] (WO2016/081618)
[30] US (62/082,504) 2014-11-20

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[13] A1
[51] **Int.Cl. H04W 40/32 (2009.01)**
[25] FR
[54] **METHOD FOR AFFILIATING A CLUSTER OF ELECTRONIC DEVICES COMMUNICATING VIA A WIRELESS NETWORK, ASSOCIATED ELECTRONIC DEVICE IMPLEMENTING SAID METHOD AND SYSTEM**
[54] **PROCEDE D'AFFILIATION A UNE GRAPPE DE DISPOSITIFS ELECTRONIQUES COMMUNIQUANT VIA UN RESEAU SANS FIL, DISPOSITIF ELECTRONIQUE METTANT EN OEUVRE LEDIT PROCEDE ET SYSTEME ASSOCIES**
[72] DARAGON, PASCAL, FR
[72] GUZZO, NATALE, FR
[72] NANDAGOBAN, ARULNAMBI, FR
[72] MITTON, NATHALIE, FR
[71] TRAXENS, FR
[71] INSTITUT NATIONAL DE RECHERCHE EN INFORMATIQUE ET EN AUTOMATIQUE, FR
[85] 2017-05-18
[86] 2015-11-26 (PCT/FR2015/053222)
[87] (WO2016/083745)
[30] FR (FR 14 61609) 2014-11-27

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[13] A1
[51] **Int.Cl. C07J 9/00 (2006.01) C07J 75/00 (2006.01)**
[25] EN
[54] **5.BETA.-6-ALKYL-7-HYDROXY-3-ONE STEROIDS AS INTERMEDIATES FOR THE PRODUCTION OF STEROIDAL FXR MODULATORS**
[54] **STEROIDES 5.BETA.-6-ALKYL-7-HYDROXY-3-ONE UTILISES EN TANT QU'INTERMEDIAIRES POUR LA PRODUCTION DE MODULATEURS DE FXR STEROIDIENS**
[72] WEYMOUTH-WILSON, ALEXANDER, GB
[72] KOMSTA, ZOFIA, GB
[72] BOYDELL, JAMES, GB
[72] WALLIS, LAURA, GB
[72] BARTLETT, NATHAN, GB
[72] SHELBOURNE, MONTSERRAT, GB
[71] NZP UK LIMITED, GB
[85] 2017-05-18
[86] 2015-11-19 (PCT/GB2015/053517)
[87] (WO2016/079518)
[30] GB (1420593.4) 2014-11-19
[30] GB (1420594.2) 2014-11-19
[30] GB (1505674.0) 2015-04-01

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[13] A1
[51] **Int.Cl. C07J 9/00 (2006.01) C07J 75/00 (2006.01)**
[25] EN
[54] **6.ALPHA.-ALKYL-3,7-DIONE STEROIDS AS INTERMEDIATES FOR THE PRODUCTION OF STEROIDAL FXR MODULATORS**
[54] **STEROIDES 6.ALPHA.-ALKYL-3,7-DIONE UTILISES EN TANT QU'INTERMEDIAIRES POUR LA PRODUCTION DE MODULATEURS DE FXR STEROIDIENS**
[72] WEYMOUTH-WILSON, ALEXANDER, GB
[72] KOMSTA, ZOFIA, GB
[72] BOYDELL, JAMES, GB
[72] WALLIS, LAURA, GB
[72] BATCHELOR, RHYS, GB
[72] OTTER, CARL, GB
[72] DAVIES, IEUAN, GB
[71] NZP UK LIMITED, GB
[85] 2017-05-18
[86] 2015-11-19 (PCT/GB2015/053518)
[87] (WO2016/079519)
[30] GB (1420593.4) 2014-11-19
[30] GB (1420594.2) 2014-11-19
[30] GB (1505676.5) 2015-04-01

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[13] A1
[51] **Int.Cl. C07J 9/00 (2006.01) C07J 75/00 (2006.01)**
[25] EN
[54] **6-ALKYL-7-HYDROXY-4-EN-3-ONE STEROIDS AS INTERMEDIATES FOR THE PRODUCTION OF STEROIDAL FXR MODULATORS**
[54] **STEROIDES 6-ALKYL-7-HYDROXY-4-EN-3-ONE UTILISES EN TANT QU'INTERMEDIAIRES POUR LA PRODUCTION DE MODULATEURS DE FXR STEROIDIENS**
[72] WEYMOUTH-WILSON, ALEXANDER, GB
[72] KOMSTA, ZOFIA, GB
[72] BOYDELL, JAMES, GB
[72] OTTER, CARL, GB
[72] WALLIS, LAURA, GB
[72] BATCHELOR, RHYS, GB
[71] NZP UK LIMITED, GB
[85] 2017-05-18
[86] 2015-11-19 (PCT/GB2015/053516)
[87] (WO2016/079517)
[30] GB (1420593.4) 2014-11-19
[30] GB (1420594.2) 2014-11-19
[30] GB (1505670.8) 2015-04-01

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[13] A1
[51] **Int.Cl. C07J 9/00 (2006.01) C07J 75/00 (2006.01)**
[25] EN
[54] **6.ALPHA.-ALKYL-6,7-DIONE STEROIDS AS INTERMEDIATES FOR THE PRODUCTION OF STEROIDAL FXR MODULATORS**
[54] **STEROIDES 6.ALPHA.-ALKYL-6,7-DIONE UTILISES EN TANT QU'INTERMEDIAIRES POUR LA PRODUCTION DE MODULATEURS DE FXR STEROIDIENS**
[72] WEYMOUTH-WILSON, ALEXANDER, GB
[72] KOMSTA, ZOFIA, GB
[72] BOYDELL, JAMES, GB
[72] WALLIS, LAURA, GB
[72] OTTER, CARL, GB
[72] DAVIES, IEUAN, GB
[72] CLARKSON, ROB, GB
[71] NZP UK LIMITED, GB
[85] 2017-05-18
[86] 2015-11-19 (PCT/GB2015/053519)
[87] (WO2016/079520)
[30] GB (1420593.4) 2014-11-19
[30] GB (1420594.2) 2014-11-19
[30] GB (1505675.7) 2015-04-01

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[13] A1
[51] **Int.Cl. G01J 5/12 (2006.01) A61B 5/00 (2006.01) G01J 5/08 (2006.01)**
[25] EN
[54] **PORTABLE PHYSIOLOGY MONITOR**
[54] **MONITEUR PHYSIOLOGIQUE PORTABLE**
[72] MARSH, LEON, GB
[71] INOVA DESIGN SOLUTIONS LTD, GB
[85] 2017-05-18
[86] 2015-11-25 (PCT/GB2015/053598)
[87] (WO2016/083807)
[30] GB (1420945.6) 2014-11-25

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[13] A1
[51] **Int.Cl. A23K 20/158 (2016.01) A23K 20/10 (2016.01) A23K 20/195 (2016.01) A23K 30/00 (2016.01) A23K 50/30 (2016.01)**
[25] EN
[54] **CHEMICAL MITIGANTS IN ANIMAL FEED AND FEED INGREDIENTS**
[54] **COMPOSES D'ATTENUATION CHIMIQUE DANS L'ALIMENTATION ANIMALE ET INGREDIENTS POUR L'ALIMENTATION ANIMALE**
[72] JONES, CASSANDRA K, US
[72] COCHRANE, ROGER A., US
[72] WOODWORTH, JASON C., US
[72] DRITZ, STEVEN S., US
[71] KANSAS STATE UNIVERSITY RESEARCH FOUNDATION, US
[85] 2017-05-17
[86] 2015-11-19 (PCT/US2015/061564)
[87] (WO2016/081716)
[30] US (62/081,847) 2014-11-19

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[13] A1
[51] **Int.Cl. C07K 16/26 (2006.01) C07K 16/18 (2006.01) C07K 16/44 (2006.01) C12N 5/16 (2006.01) G01N 33/53 (2006.01)**
[25] EN
[54] **ANTIBODIES AGAINST SEROTONIN, TRYPTOPHAN AND KYNURENINE METABOLITES AND USES THEREOF**
[54] **ANTICORPS DIRIGES CONTRE DES METABOLITES DE SEROTONINE, DE TRYPTOPHANE ET DE KYNURENINE ET LEURS UTILISATIONS**
[72] SELVARAJ, FABIYOLA, US
[72] PRINCEN, FRED, US
[72] SINGH, SHARAT, US
[71] NESTEC S.A., CH
[85] 2017-05-18
[86] 2015-11-19 (PCT/IB2015/058976)
[87] (WO2016/079708)
[30] US (62/082,047) 2014-11-19

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[13] A1
[51] **Int.Cl. C12Q 1/34 (2006.01) G01N 15/10 (2006.01) G01N 33/66 (2006.01)**
[25] EN
[54] **QUANTITATION OF GLYCAN MOIETY IN RECOMBINANT GLYCOPROTEINS**
[54] **QUANTIFICATION DE LA FRACTION GLYCANE DANS DES GLYCOPROTEINES RECOMBINANTES**
[72] CHEMMALIL, LETHA, US
[71] AMGEN INC., US
[85] 2017-05-18
[86] 2015-11-19 (PCT/US2015/061684)
[87] (WO2016/081770)
[30] US (62/082,014) 2014-11-19

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[13] A1
[51] **Int.Cl. C12Q 1/68 (2006.01) C07H 21/00 (2006.01)**
[25] EN
[54] **ENZYME- AND AMPLIFICATION-FREE SEQUENCING**
[54] **SEQUENCAGE SANS ENZYME NI AMPLIFICATION**
[72] BEECHEM, JOSEPH M., US
[72] KHAFIZOV, RUSTEM, US
[71] NANOSTRING TECHNOLOGIES, INC., US
[85] 2017-05-18
[86] 2015-11-19 (PCT/US2015/061615)
[87] (WO2016/081740)
[30] US (62/082,883) 2014-11-21

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[13] A1
[51] **Int.Cl. C07H 19/20 (2006.01) C07H 19/10 (2006.01) C07H 19/14 (2006.01)**
[25] EN
[54] **NULCEOSIDE PHOSPHOROAMIDATE ESTERS AND DERIVATIVES THEREOF, USE AND SYNTHESIS THEREOF**
[54] **ESTERS DE PHOSPHORAMIDATE NUCLEOSIDIQUES ET LEURS DERIVES, LEUR UTILISATION ET LEUR SYNTHESE**
[72] KOKORIS, MARK STAMATIOS, US
[72] TABONE, JOHN, US
[72] NABAVI, MELUD, US
[72] JACOBS, AARON, US
[71] STRATOS GENOMICS, INC., US
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[54] **METHOD**
[54] **PROCEDE**
[72] JENEY, CSABA, HU
[71] GENEVILLAGE KFT, HU
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[25] EN
[54] **CODON OPTIMIZED POLYNUCLEOTIDE FOR HIGH LEVEL EXPRESSION OF CRM197**
[54] **POLYNUCLEOTIDE A CODON OPTIMISE PERMETTANT UN HAUT NIVEAU D'EXPRESSION DE CRM197**
[72] GOEL, AKSHAY, IN
[72] MISHRA, RAVI PRATAP NARAYAN, IN
[72] MANTENA, NARENDER DEV, IN
[72] DATLA, MAHIMA, IN
[71] BIOLOGICAL E LIMITED, IN
[85] 2017-05-19
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[25] EN
[54] **METHOD FOR CALIBRATING 3D IMAGING AND SYSTEM FOR 3D IMAGING**
[54] **PROCEDE D'ETALONNAGE D'IMAGERIE EN 3D ET SYSTEME D'IMAGERIE EN 3D**
[72] HÆGGSTROM, EDWARD, FI
[72] KASSAMAKOV, IVAN, FI
[72] NOLVI, ANTON, FI
[72] YLITALO, TUOMO, FI
[72] SANDLER, NIKLAS, FI
[72] VIITALA, TAPANI, FI
[72] NYMAN, JOHAN, FI
[71] ABO AKADEMI (ABO AKADEMI UNIVERSITY), FI
[71] HELSINGIN YLIOPISTO, FI
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[25] EN
[54] **VERNALIZATION INDEPENDENT LISIANTHUS PLANTS**
[54] **PLANTES LISIANTHUS NE NECESSITANT PAS DE VERNALISATION**
[72] AMRAD, AVICHAI, IL
[72] BANDEL, KFIR, IL
[72] PLEBAN, TZILI, IL
[72] ZAMIR, DANI, IL
[71] YISSUM RESEARCH DEVELOPMENT COMPANY OF THE HEBREW UNIVERSITY OF JERUSALEM LTD., IL
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[54] **SYSTEM AND METHOD FOR WATER PURIFICATION**
[54] **SYSTEME ET PROCEDE DE PURIFICATION D'EAU**
[72] WILSON, EDWIN E., US
[71] CLOUDBURST SOLUTIONS, LLC, US
[85] 2017-05-19
[86] 2015-11-19 (PCT/US2015/061583)
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[25] EN
[54] **NOVEL DITERPENE GLYCOSIDES, COMPOSITIONS AND PURIFICATION METHODS**
[54] **NOUVEAUX GLYCOSIDES DITERPENIQUES, COMPOSITIONS ET PROCEDES DE PURIFICATION**
[72] PRAKASH, INDRA, US
[72] BUNDERS, CYNTHIA, US
[71] THE COCA-COLA COMPANY, US
[85] 2017-05-23
[86] 2015-11-25 (PCT/US2015/062631)
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[25] EN
[54] **FLEXIBLE IRRADIATION FACILITY**
[54] **INSTALLATION D'IRRADIATION FLEXIBLE**
[72] BODE, PETER, NL
[72] DENKOVA, ANTONIA GEORGIEVA, NL
[72] WOLTERBEEK, HUBERT THEODOOR, NL
[72] GOMMERS, RENE MARTIN, NL
[72] TERPSTRA, BAUKJE ELISABETH, NL
[71] TECHNISCHE UNIVERSITEIT DELFT, NL
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[54] **NEURODEGENERATIVE DISORDERS**
[54] **TROUBLES NEURODEGENERATIFS**
[72] GREENFIELD, SUSAN ADELE, GB
[72] POTTIEZ, GWENAEL, GB
[72] GARCIA-RATES, SARA ESTHER, GB
[71] NEURO-BIO LTD, GB
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[25] EN
[54] **ANTIMICROBIAL COPPER COMPOSITIONS AND THEIR USE IN TREATMENT OF FOODSTUFFS AND SURFACES**
[54] **COMPOSITIONS ANTIMICROBIENNES A BASE DE CUIVRE ET LEUR UTILISATION DANS LE TRAITEMENT DE PRODUITS ALIMENTAIRES ET DE SURFACES**
[72] MECCIA, JOHN, US
[72] SHAPIRA, RON, US
[72] DAUTREUIL, FRANCIS, US
[72] DIETRICH, JAMES, US
[71] CMS TECHNOLOGY, INC., US
[85] 2017-05-25
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[25] EN
[54] **NOVEL DITERPENE GLYCOSIDE, COMPOSITIONS AND PURIFICATION METHODS**
[54] **NOUVEAU GLYCOSIDE DE DITERPENE, COMPOSITIONS ET PROCEDES DE PURIFICATION**
[72] PRAKASH, INDRA, US
[72] BUNDERS, CYNTHIA, US
[71] THE COCA-COLA COMPANY, US
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[25] EN
[54] **NOVEL PD-L1 BINDING POLYPEPTIDES FOR IMAGING**
[54] **NOUVEAUX POLYPEPTIDES FIXANT PD-L1 POUR L'IMAGERIE**
[72] MORIN, PAUL E., US
[72] DONNELLY, DAVID, US
[72] LIPOVSEK, DASA, US
[72] GOKEMEIJER, JOCHEM, US
[72] JURE-KUNKEL, MARIA N., US
[72] FABRIZIO, DAVID, US
[72] WRIGHT, MARTIN C., US
[72] DISCHINO, DOUGLAS, US
[72] BONACORSI, SAMUEL J., US
[72] SMITH, RALPH ADAM, US
[72] LAFONT, VIRGINIE, US
[72] COHEN, DANIEL, US
[71] BRISTOL-MYERS SQUIBB COMPANY, US
[85] 2017-05-25
[86] 2015-11-24 (PCT/US2015/062485)
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[25] EN
[54] **POLYPEPTIDES COMPRISING A MODIFIED BACTERIOPHAGE G3P AMINO ACID SEQUENCE LACKING A GLYCOSYLATION SIGNAL**
[54] **POLYPEPTIDES COMPORTANT UNE SEQUENCE D'ACIDES AMINES MODIFIEE DE LA PROTEINE G3P D'UN BACTERIOPHAGE, DEPOURVUE DE SIGNAL DE GYLCOSYLATION**
[72] KRISHNAN, RAJARAMAN, US
[72] ASP, EVA, US
[72] PROSCHITSKY, MING, US
[72] FISHER, RICHARD, US
[72] CARR, FRANCIS J., GB
[72] HOLGATE, ROBERT G.E., GB
[72] JONES, TIMOTHY D., GB
[71] PROCLARA BIOSCIENCES, INC., US
[85] 2017-05-26
[86] 2015-12-02 (PCT/US2015/063476)
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[25] EN
[54] **RECOMBINANT MICROORGANISMS EXHIBITING INCREASED FLUX THROUGH A FERMENTATION PATHWAY**
[54] **MICRO-ORGANISMES RECOMBINES PRESENTANT UN FLUX ACCRU PAR UN VOIE DE FERMENTATION**
[72] KOEPKE, MICHAEL, US
[72] MUELLER, ALEXANDER PAUL, US
[72] TRAN, LOAN PHUONG, US
[71] LANZATECH NEW ZEALAND LIMITED, NZ
[85] 2017-05-29
[86] 2015-12-07 (PCT/US2015/064351)
[87] (WO2016/094334)
[30] US (62/089,053) 2014-12-08
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[25] EN
[54] **ANTIBODY BINDING TO NEUROPILIN 1 AND USE THEREOF**
[54] **ANTICORPS DIRIGE CONTRE LA NEUROPILINE 1 ET SON UTILISATION**
[72] NAM, DO-HYUN, KR
[72] YOON, YEUP, KR
[72] LEE, JAE HYUN, KR
[72] LEE, JIN KU, KR
[71] SAMSUNG LIFE PUBLIC WELFARE FOUNDATION, KR
[85] 2017-05-31
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[25] EN
[54] **COMPOSITE PANE WITH A CAPACITIVE SWITCHING ZONE**
[54] **VITRE COMPOSITE MUNIE D'UNE ZONE DE COMMANDE CAPACITIVE**
[72] WEBER, PATRICK, DE
[72] DROSTE, STEFAN, DE
[71] SAINT-GOBAIN GLASS FRANCE, FR
[85] 2017-05-31
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[51] **Int.Cl. B61K 3/00 (2006.01)**
[25] EN
[54] **TOP OF RAIL APPLICATOR AND METHOD OF USING THE SAME**
[54] **APPLICATEUR DE NIVEAU SUPERIEUR DE RAIL ET SON PROCEDE D'UTILISATION**
[72] GRAHAM, DALTON LEE, US
[72] WISE, BRUCE ROBERT, US
[72] ADKINS, KEVIN RAY, US
[72] MEDRANO, ALEJANDRO, US
[72] KRINKER, RANDALL, US
[72] CHIDDICK, KELVIN, US
[72] WILSON, KYLE, US
[72] BIRDWELL, DAVID, US
[71] WHITMORE MANUFACTURING, LLC, US
[85] 2017-06-07
[86] 2015-12-11 (PCT/US2015/065408)
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[30] US (62/124,240) 2014-12-12
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[51] **Int.Cl. B23K 9/095 (2006.01) B23K 9/10 (2006.01) H04B 3/54 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR COMMUNICATION VIA A WELDING CABLE**
[54] **SYSTEMES ET PROCEDES POUR COMMUNICATION PAR L'INTERMEDIAIRE D'UN CABLE DE SOUDAGE**
[72] DENIS, MARC LEE, US
[71] ILLINOIS TOOL WORKS INC., US
[85] 2017-06-08
[86] 2015-11-08 (PCT/US2015/059642)
[87] (WO2016/099698)
[30] US (14/575,777) 2014-12-18

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[51] **Int.Cl. B23K 9/095 (2006.01) B23K 9/10 (2006.01) H04B 3/54 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR ADAPTIVELY CONTROLLING PHYSICAL LAYERS FOR WELD CABLE COMMUNICATIONS**
[54] **SYSTEMES ET PROCEDES DE COMMANDE ADAPTATIVE DES COUCHES PHYSIQUES POUR LES COMMUNICATIONS PAR CABLE DE SOUDAGE**
[72] DENIS, MARC LEE, US
[71] ILLINOIS TOOL WORKS INC., US
[85] 2017-06-08
[86] 2015-11-14 (PCT/US2015/060762)
[87] (WO2016/099731)
[30] US (14/575,752) 2014-12-18

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[13] A1
[51] **Int.Cl. B23K 9/095 (2006.01) B23K 9/10 (2006.01) H04B 3/54 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR MEASURING CHARACTERISTICS OF A WELDING CABLE WITH A LOW POWER TRANSCEIVER**
[54] **SYSTEMES ET PROCEDES VISANT A MESURER DES CARACTERISTIQUES D'UN CABLE DE SOUDAGE DISPOSANT D'UN EMETTEUR-RECEPTEUR A FAIBLE PUISSANCE**
[72] DENIS, MARC LEE, US
[71] ILLINOIS TOOL WORKS INC., US
[85] 2017-06-08
[86] 2015-11-10 (PCT/US2015/059840)
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[30] US (14/575,895) 2014-12-18

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[51] **Int.Cl. E21B 43/12 (2006.01) E21B 43/16 (2006.01) F04B 47/02 (2006.01) F04B 49/00 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEMS FOR ENHANCING FLOW OF A FLUID INDUCED BY A ROD PUMPING UNIT**
[54] **PROCEDE ET SYSTEMES POUR AMELIORER L'ECOULEMENT D'UN FLUIDE INDUIT PAR UNE UNITE DE POMPAGE A TIGE**
[72] SINGAL, KALPESH, US
[72] ZAMANIAN, FATEMEH, US
[72] MAROTTA, EGIDIO, US
[72] SIVARAMAKRISHNAN, SHYAM, US
[71] GENERAL ELECTRIC COMPANY, US
[85] 2017-06-08
[86] 2015-12-02 (PCT/US2015/063361)
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[25] EN
[54] **MULTIPLE INTERACTING SYSTEMS AT A SITE**
[54] **SYSTEMES D'INTERACTION MULTIPLES AU NIVEAU D'UN SITE**
[72] SHRIVASTAVA, DHAIRYA, US
[72] BROWN, STEPHEN C., US
[72] CADET, RONALD F., US
[71] VIEW, INC., US
[85] 2017-06-08
[86] 2015-12-08 (PCT/US2015/064555)
[87] (WO2016/094445)
[30] US (62/088,943) 2014-12-08

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[51] **Int.Cl. E21B 43/26 (2006.01) B05D 7/22 (2006.01) C09D 163/00 (2006.01) E21B 33/068 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD OF REDUCING EROSION IN FRAC APPLICATIONS**
[54] **SYSTEME ET PROCEDE DE DIMINUTION DE L'EROSION DANS DES APPLICATIONS DE FRACTURATION**
[72] KAJARIA, SAURABH, US
[72] SALEEM, FAUAD, US
[71] GE OIL & GAS PRESSURE CONTROL LP, US
[85] 2017-06-08
[86] 2015-12-16 (PCT/US2015/065951)
[87] (WO2016/100425)
[30] US (62/092,336) 2014-12-16
[30] US (14/968,576) 2015-12-14

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[51] **Int.Cl. B21B 31/07 (2006.01)**
[25] EN
[54] **SPHERICAL OIL FILM BEARING**
[54] **PALIER A FILM D'HUILE SPHERIQUE**
[72] OSGOOD, PETER N., US
[72] WOJTKOWSKI, THOMAS C., JR., US
[71] PRIMETALS TECHNOLOGIES USA LLC, US
[85] 2017-06-08
[86] 2016-02-22 (PCT/US2016/018876)
[87] (WO2016/140825)
[30] US (62/128,648) 2015-03-05
[30] US (14/944,720) 2015-11-18

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[25] EN
[54] **FUSION PROTEIN COMPRISING A LIGAND BINDING DOMAIN OF VEGF AND PDGF**
[54] **PROTEINES DE FUSION QUI CONTIENNENT UN DOMAINE DE LIAISON AU LIGAND DE VEGF ET PDGF**
[72] ZEN, KEVIN, US
[72] WU, PAI-TZU, TW
[72] HER, JENG-HORNG, TW
[72] CHEN, HUANG-TSU, TW
[72] LEOU, JIUN-SHYANG, TW
[72] HSU, CHING-HSUAN, TW
[71] ALLGENESIS BIOTHERAPEUTICS INC., TW
[71] AP BIOSCIENCES, INC., TW
[85] 2017-06-08
[86] 2016-03-10 (PCT/US2016/021762)
[87] (WO2016/145189)
[30] US (62/131,261) 2015-03-11

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[51] **Int.Cl. E05D 13/00 (2006.01) A47K 3/34 (2006.01) E05D 15/06 (2006.01) E05F 5/02 (2006.01) E05F 5/06 (2006.01) E06B 3/46 (2006.01)**
[25] EN
[54] **COMPLETELY HIDDEN IMPACT-FREE GENTLY POSITIONED DOOR OPENING AND CLOSING STRUCTURE FOR SHOWER ROOM**
[54] **STRUCTURE D'OUVERTURE ET DE FERMETURE DE PORTE POSITIONNEE DELICATEMENT SANS IMPACT CACHEE COMPLETEMENT DESTINEE A UNE SALLE DE DOUCHE**
[72] WEI, WUXIANG, CN
[71] FOSHAN IDEAL CO., LTD., CN
[85] 2017-06-13
[86] 2016-01-29 (PCT/CN2016/072679)
[87] (2970515)

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[51] **Int.Cl. C09D 129/04 (2006.01)**
[25] EN
[54] **GAS BARRIER COATING TECHNIQUES AND ARTICLES PRODUCED THEREOF**
[54] **TECHNIQUES DE REVETEMENT PERMETTANT LA FORMATION D'UNE COUCHE BARRIERE CONTRE LES GAZ ET ARTICLES AINSI PRODUITS**
[72] HENDERSON, KEVIN O., US
[71] AVERY DENNISON CORPORATION, US
[85] 2017-06-09
[86] 2015-12-14 (PCT/US2015/065473)
[87] (WO2016/109167)
[30] US (62/097,971) 2014-12-30

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[51] **Int.Cl. C09J 7/02 (2006.01) B44C 1/10 (2006.01) B44C 1/165 (2006.01)**
[25] EN
[54] **WRAPPING FILMS WITH INCREASED OPACITY**
[54] **FILMS D'EMBALLAGE A OPACITE ACCRUE**
[72] KLICH, PAUL R., US
[72] HOWE, CONNIE, US
[71] AVERY DENNISON CORPORATION, US
[85] 2017-06-09
[86] 2015-12-15 (PCT/US2015/065796)
[87] (WO2016/109184)
[30] US (62/097,944) 2014-12-30

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[51] **Int.Cl. C09K 8/80 (2006.01) E21B 43/267 (2006.01)**
[25] EN
[54] **COATED PROPPANTS CONTAINING HYPERBRANCHED POLYURETHANE COATINGS AND METHODS FOR USING SAME**
[54] **AGENTS DE SOUTENEMENT REVETUS CONTENANT DES REVETEMENTS DE POLYURETHANNE HYPER-RAMIFIE ET PROCEDES ASSOCIES**
[72] BOTHWELL, JASON M., US
[72] REDIGER, RICHARD A., US
[71] GEORGIA-PACIFIC CHEMICALS LLC, US
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[87] (WO2016/109193)
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[54] **INHERENTLY PRINTABLE POLYMERIC MATERIAL AND RELATED METHODS**
[54] **POLYMERE INTRINSEQUEMENT IMPRIMABLE ET PROCEDES ASSOCIES**
[72] HENDERSON, KEVIN O., US
[71] AVERY DENNISON CORPORATION, US
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[86] 2015-12-16 (PCT/US2015/065939)
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[25] EN
[54] **HALOGEN-FREE BARRIER CONSTRUCTIONS AND RELATED METHODS**
[54] **CONSTRUCTIONS DE BARRIERE SANS HALOGENE ET PROCEDES ASSOCIES**
[72] HENDERSON, KEVIN O., US
[71] AVERY DENNISON CORPORATION, US
[85] 2017-06-09
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[25] EN
[54] **CLEANING SYSTEM FOR AUTONOMOUS ROBOT**
[54] **SYSTEME DE NETTOYAGE POUR ROBOT AUTONOME**
[72] LEWIS, OLIVER, US
[71] IROBOT CORPORATION, US
[85] 2017-06-12
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[25] EN
[54] **COATING COMPOSITIONS, COATINGS AND METHODS FOR SOUND AND VIBRATION DAMPING AND WATER RESISTANCE**
[54] **COMPOSITIONS DE REVETEMENT, REVETEMENTS ET PROCEDES POUR CONJUGUER AMORTISSEMENT DES SONS ET DES VIBRATIONS ET RESISTANCE A L'EAU**
[72] CHAO, TIEN-CHIEH, US
[72] WANG, WEI, US
[72] VOTRUBA-DRZAL, PETER L., US
[71] PPG INDUSTRIES OHIO, INC., US
[85] 2017-06-12
[86] 2015-12-14 (PCT/US2015/065460)
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[25] EN
[54] **MICROBIAL COMPOSITIONS AND METHODS OF USE FOR BENEFITING PLANT GROWTH AND TREATING PLANT DISEASE**
[54] **COMPOSITIONS MICROBIENNES ET PROCEDES D'UTILISATION POUR FAVORISER LA CROISSANCE DE PLANTE ET TRAITER UNE MALADIE DE PLANTE**
[72] TAGHAVI, SAFIYH, US
[72] VAN DER LELIE, DANIEL, US
[72] MCLEOD, RODERICK, CA
[72] BROST, KEVIN RONALD JOHN, CA
[72] KIBBEE, JOHN EDWARD, CA
[71] FMC CORPORATION, US
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[25] EN
[54] **AUTOMATIC COFFEE MAKER AND METHOD OF PREPARING A BREWED BEVERAGE**
[54] **MACHINE A CAFE AUTOMATIQUE ET PROCEDE DE PREPARATION D'UNE BOISSON INFUSEE**
[72] ANTHONY, JOSHUA, US
[72] EILEY, JUSTIN, US
[72] KEITH-LUCAS, DARWIN, US
[71] SHARKNINJA OPERATING LLC, US
[85] 2017-06-12
[86] 2015-09-22 (PCT/US2015/051507)
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[30] US (14/568,471) 2014-12-12
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[25] FR
[54] **METHOD FOR BREAKING AN INNER SHAPE OUT OF A GLASS SHEET**
[54] **PROCEDE DE ROMPAGE D'UNE FORME INTERIEURE DANS UNE FEUILLE DE VERRE**
[72] DUMENIL, THIERRY, FR
[71] SAINT-GOBAIN GLASS FRANCE, FR
[85] 2017-06-12
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[25] FR
[54] **BINDER BASED ON A SOLID MINERAL COMPOUND RICH IN ALKALINE-EARTH OXIDE WITH PHOSPHATE-CONTAININGACTIVATORS**
[54] **LIANT A BASE DE COMPOSE MINERAL SOLIDE RICHE EN OXYDE ALCALINO-TERREUX AVEC ACTIVATEURS PHOSPHATES**
[72] YAMMINE, JOUMANA, FR
[72] TOUTOU-MELINGE, ZAHIA, FR
[71] SAINT-GOBAIN WEBER, FR
[85] 2017-06-12
[86] 2015-12-21 (PCT/FR2015/053689)
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[51] **Int.Cl. A61F 9/007 (2006.01) A01N 1/02 (2006.01) A61F 2/14 (2006.01)**
[25] EN
[54] **DEVICE FOR SUPPORTING AND TRANSPORTING A GRAFT OR IMPLANT**
[54] **DISPOSITIF DE STOCKAGE ET DE TRANSPORT D'UN TRANSPLANT OU D'UN IMPLANT**
[72] SZURMANN, PETER, DE
[72] FATH, HARTMUT, DE
[71] GEUDER AG, DE
[85] 2017-06-13
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[25] EN
[54] **APPARATUS FOR DISPENSING MIXED BEVERAGES FROM FROZEN INGREDIENTS**
[54] **APPAREIL DE DISTRIBUTION DE BOISSONS MELANGEES A PARTIR D'INGREDIENTS CONGELES**
[72] BENEDETTI, LUCA, IT
[71] UNITEC S.P.A., IT
[85] 2017-06-12
[86] 2015-12-22 (PCT/IB2015/059885)
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[25] EN
[54] **NATURALLY DERIVED COLOUR STABILIZER**
[54] **STABILISATEUR DE COULEUR D'ORIGINE NATURELLE**
[72] CANO HERNANDEZ, JESUS, ES
[72] ORTEU BAENA, YAGO, ES
[72] D'HOORE, TOM NELLY A., ES
[71] INTERQUIM, S.A., ES
[85] 2017-06-13
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[25] EN
[54] **SOUND ABSORBERS FOR AIRFRAME COMPONENTS**
[54] **ABSORBANTS ACOUSTIQUES POUR PIECES DE CELLULE D'AERONEF**
[72] WONG, RAYMOND LEE MAN, CA
[71] BOMBARDIER INC., CA
[85] 2017-06-13
[86] 2015-12-09 (PCT/IB2015/059473)
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[25] EN
[54] **GLASSWARE MOLD PYROMETRY**
[54] **PYROMETRIE DE MOULE D'ARTICLES EN VERRE**
[72] PEENO, JOSHUA D., US
[72] NAFZIGER, GREGORY W., US
[71] OWENS-BROCKWAY GLASS CONTAINER INC., US
[85] 2017-06-13
[86] 2015-12-17 (PCT/US2015/066309)
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[51] **Int.Cl. A61J 1/16 (2006.01) B65B 55/00 (2006.01) B65C 1/04 (2006.01)**
[25] EN
[54] **VIAL HOLDER DEVICES, METHODS AND SYSTEMS**
[54] **DISPOSITIFS FORMANT RECEPTACLES A FLACONS, PROCEDES ET SYSTEMES**
[72] LARSON, CHALEY, US
[72] LILOVA, KOSTADINKA, US
[72] CANNAMELA, MIKE, US
[72] CAGNEY, WILLIAM, US
[72] KOSOVAN, GORDON, US
[72] HUGHES, ELAINE, US
[72] FICCHI, MARIA, US
[71] JANSSEN PHARMACEUTICA NV, BE
[85] 2017-06-13
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[87] (WO2016/100808)
[30] US (62/093,887) 2014-12-18

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[51] **Int.Cl. C07K 16/28 (2006.01) C07K 16/46 (2006.01)**
[25] EN
[54] **MONOMERIC FC DOMAINS**
[54] **DOMAINES FC MONOMERES**
[72] GAUTHIER, LAURENT, FR
[71] INNATE PHARMA, FR
[85] 2017-06-13
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[25] FR
[54] **SMOKE-DIFFUSING ACCESSORY FOR ELECTRIC BARBECUE**
[54] **ACCESSOIRE DE DIFFUSION DE FUMEE POUR BARBECUE ELECTRIQUE**
[72] VOLATIER, SEBASTIEN, FR
[72] LETAIN, FRANCOIS, FR
[71] SEB S.A., FR
[85] 2017-06-13
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[87] (WO2016/102852)
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[25] EN
[54] **EDIBLE PRODUCT COMPRISING FAT CRYSTALS OF COCOA BUTTER AND METHOD FOR MAKING THE SAME**
[54] **PRODUIT COMESTIBLE CONTENANT DES CRISTAUX DE BEURRE DE CACAO ET SON PROCEDE DE FABRICATION**
[72] WINDHAB, ERICH JOSEF, CH
[72] KOLLER, CORNELIA, CH
[71] NESTEC S.A., CH
[85] 2017-06-14
[86] 2015-12-18 (PCT/EP2015/080558)
[87] (WO2016/097326)
[30] EP (14199331.1) 2014-12-19
[30] EP (14199333.7) 2014-12-19
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[51] **Int.Cl. C09D 13/00 (2006.01) B43K 19/02 (2006.01) B43K 19/18 (2006.01)**
[25] FR
[54] **COLOUR PENCIL LEAD**
[54] **MINE DE CRAYON DE COULEUR**
[72] CLAPTIEN, FREDERIC D., FR
[72] GOUEREC, JULIEN, FR
[72] LEFEBVRE, PHILIPPE, FR
[71] CONTE, FR
[85] 2017-06-13
[86] 2015-12-14 (PCT/FR2015/053469)
[87] (WO2016/097555)
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[51] **Int.Cl. H01B 9/06 (2006.01) H02G 5/06 (2006.01)**
[25] EN
[54] **ARRANGEMENT COMPRISING A FLUID-INSULATED PHASE CONDUCTOR**
[54] **DISPOSITIF AVEC CONDUCTEUR DE PHASE ISOLE FLUIDIQUEMENT**
[72] KUSCHEL, MARK, DE
[72] PRESSER, NAZMIR, DE
[71] SIEMENS AKTIENGESELLSCHAFT, DE
[85] 2017-06-14
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[87] (WO2016/096314)
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[51] **Int.Cl. C12N 15/82 (2006.01) A01H 5/00 (2006.01) A01H 5/10 (2006.01)**
[25] EN
[54] **PLANTS WITH IMPROVED PHOTOSYNTHETIC CARBON FIXATION CAPACITY**
[54] **PLANTES CARACTERISEES PAR UNE CAPACITE AMELIOREE DE FIXATION DU CARBONE PHOTOSYNTHETIQUE**
[72] PETERHAENSEL, CHRISTOPH, DE
[72] VAN RIE, JEROEN, BE
[72] FROHBERG, CLAUS, DE
[71] BAYER CROPSCIENCE NV, BE
[85] 2017-06-14
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[87] (WO2016/096761)
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[51] **Int.Cl. A61K 39/25 (2006.01) A61K 39/39 (2006.01) A61P 31/22 (2006.01)**
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[54] **VACCINATION**
[54] **VACCINATION**
[72] HEINEMAN, THOMAS CHARLES, US
[72] LEDENT, EDOUARD GUY CHRISTIAN, BE
[72] LECRENIER, NICOLAS PIERRE FERNAND, BE
[71] GLAXOSMITHKLINE BIOLOGICALS S.A., BE
[85] 2017-06-12
[86] 2015-12-16 (PCT/EP2015/079967)
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[30] GB (1422686.4) 2014-12-18
[30] GB (1503266.7) 2015-02-26
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[51] **Int.Cl. A61K 51/10 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **RADIO-PHARMACEUTICAL COMPLEXES**
[54] **COMPLEXES RADIO-PHARMACEUTIQUES**
[72] CUTHBERTSON, ALAN, NO
[71] BAYER AS, NO
[85] 2017-06-14
[86] 2015-12-15 (PCT/EP2015/079773)
[87] (WO2016/096843)
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[51] **Int.Cl. C09D 13/00 (2006.01) B43K 19/02 (2006.01) B43K 19/18 (2006.01)**
[25] FR
[54] **PAPER PENCIL LEAD**
[54] **MINE DE CRAYON A PAPIER**
[72] CLAPTIEN, FREDERIC, FR
[72] GOUEREC, JULIEN, FR
[72] LEFEBVRE, PHILIPPE, FR
[71] CONTE, FR
[85] 2017-06-13
[86] 2015-12-14 (PCT/FR2015/053467)
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[25] FR
[54] **PENCIL FOR WRITING OR COLOURING**
[54] **CRAYON A ECRIRE OU A COLORIER**
[72] GOUEREC, JULIEN, FR
[72] LEFEBVRE, PHILIPPE, FR
[71] CONTE, FR
[85] 2017-06-13
[86] 2015-12-14 (PCT/FR2015/053468)
[87] (WO2016/097554)
[30] FR (1462664) 2014-12-17

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[51] **Int.Cl. G01N 33/53 (2006.01)**
[25] EN
[54] **MACROMOLECULAR CONJUGATES FOR ISOLATION, IMMOBILIZATION AND VISUALIZATION OF PROTEINS**
[54] **CONJUGUES MACROMOLECULAIRES D'ISOLEMENT, D'IMMOBILISATION ET DE VISUALISATION DE PROTEINES**
[72] SACHA, PAVEL, CZ
[72] KONVALINKA, JAN, CZ
[72] SCHIMER, JIRI, CZ
[72] KNEDLIK, TOMAS, CZ
[72] SUBR, VLADIMIR, CZ
[72] ULBRICH, KAREL, CZ
[72] STROHALM, JIRI, CZ
[71] USTAV ORGANICKE CHEMIE A BIOCHEMIE AV CR, V.V.I., CZ
[71] USTAV MAKROMOLEKULARNI CHEMIE AV CR, V.V.I., CZ
[71] UNIVERZITA KARLOVA V PRAZE, PRIRODOVEDECKA FAKULTA, CZ
[85] 2017-06-14
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[25] EN
[54] **ZIEGLER-NATTA CATALYST AND PREPARATION THEREOF**
[54] **CATALYSEUR DE ZIEGLER-NATTA ET SA PREPARATION**
[72] SUMERIN, VICTOR, FI
[72] THORMAN, JOSEPH, FI
[71] BOREALIS AG, AT
[85] 2017-06-14
[86] 2015-12-17 (PCT/EP2015/080316)
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[51] **Int.Cl. A61L 27/56 (2006.01) A61F 2/00 (2006.01) A61L 27/24 (2006.01)**
[25] EN
[54] **COLLAGEN SPONGE**
[54] **EPONGE DE COLLAGENE**
[72] IMHOF, CORNEL, CH
[72] SCHLOESSER, LOTHAR, CH
[72] STIEFEL, NIKLAUS, CH
[72] WUEST, MARTIN, CH
[71] GEISTLICH PHARMA AG, CH
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[51] **Int.Cl. C11D 3/386 (2006.01) C11D 1/831 (2006.01)**
[25] EN
[54] **LIQUID SURFACTANT COMPOSITION COMPRISING SPECIFIC SURFACTANT COMBINATION AND ENZYME**
[54] **COMPOSITION TENSIOACTIVE LIQUIDE COMPRENANT UNE COMBINAISON DE TENSIOACTIFS SPECIFIQUE ET UNE ENZYME**
[72] SEILER, MARTINA, DE
[72] NICKEL, DIETER, DE
[72] SAHNER, SONJA, DE
[72] RAMM, CHRISTIAN, DE
[72] O'CONNELL, TIMOTHY, DE
[71] HENKEL AG & CO. KGAA, DE
[85] 2017-06-14
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[25] EN
[54] **THERMOPLASTIC COMPOSITION COMPRISING A POLYAMIDE AND A POLYSILOXANE**
[54] **COMPOSITION THERMOPLASTIQUE COMPRENANT UN POLYAMIDE ET UN POLYSILOXANE**
[72] LANAU, SEBASTIEN, IT
[72] ZAFFARONI, GIORGIO, IT
[72] MARCHESE, LUCA, IT
[72] MOSCARDIN, SEBASTIANO, IT
[71] HENKEL AG & CO. KGAA, DE
[85] 2017-06-14
[86] 2015-11-18 (PCT/EP2015/076944)
[87] (WO2016/096305)
[30] EP (14198766.9) 2014-12-18

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[51] **Int.Cl. A61K 31/661 (2006.01) A61K 31/40 (2006.01) A61P 3/06 (2006.01)**
[25] EN
[54] **PHOSPHOPANTETHEINE COMPOUNDS ALONE OR IN COMBINATION WITH HMG-COA REDUCTASE INHIBITORS FOR LOWERING SERUM CHOLESTEROL AND SERUM TRIGLICERIDES**
[54] **COMPOSES DE PHOSPHOPANTETHEINE SEULS OU EN COMBINAISON AVEC DES INHIBITEURS DE HMG-COA REDUCTASE PERMETTANT D'ABAISSER LE CHOLESTEROL SERIQUE ET LES TRIGLYCERIDES SERIQUES**
[72] KOSEC, GREGOR, SI
[72] FUJS, STEFAN, SI
[72] PETKOVIC, HRVOJE, SI
[72] SIBON, ODA CORNELIA MARIA, NL
[72] SRINIVASAN, BALAJI, NL
[71] ACIES BIO D.O.O., SI
[71] RIJKSUNIVERSITEIT GRONINGEN, NL
[71] ACADEMISCH ZIEKENHUIS GRONINGEN, NL
[85] 2017-06-14
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[30] SI (P-201400452) 2014-12-23

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[25] EN
[54] **GRAFTING OF CYCLODEXTRIN BY AMIDE BONDS TO AN ETHER CROSS-LINKED HYALURONIC ACID AND USES THEREOF**
[54] **GREFFAGE DE CYCLODEXTRINE PAR DES LIAISONS AMIDE SUR UN ACIDE HYALURONIQUE A RETICULATION ETHER ET UTILISATIONS**
[72] BOITEAU, JEAN-GUY, FR
[72] SAWEN, ELIN, SE
[71] GALDERMA S.A., CH
[85] 2017-06-14
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[30] EP (14198793.3) 2014-12-18

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[13] A1
[51] **Int.Cl. C07D 401/14 (2006.01) A61K 31/454 (2006.01) A61K 31/4545 (2006.01) A61P 11/06 (2006.01) A61P 29/00 (2006.01) C07D 401/04 (2006.01) C07D 471/04 (2006.01)**
[25] EN
[54] **NEW BENZIMIDAZOLE DERIVATIVES AS ANTIHISTAMINE AGENTS**
[54] **NOUVEAUX DERIVES DE BENZIMIDAZOLE UTILISES COMME ANTIHISTAMINIQUES**
[72] RODES SOLANES, ROSA, ES
[72] OLIVERA TIZNE, ROBERTO, ES
[72] HERNANDEZ HERRERO, GONZALO, ES
[72] RUBIO ROYO, VICTOR, ES
[72] LEDO GOMEZ, FRANCISCO, ES
[71] FAES FARMA, S.A., ES
[85] 2017-06-14
[86] 2015-12-28 (PCT/EP2015/081292)
[87] (WO2016/107848)
[30] EP (14382576.8) 2014-12-29

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[13] A1
[51] **Int.Cl. B44C 5/02 (2006.01) B44D 3/18 (2006.01)**
[25] EN
[54] **IMAGE DISPLAY ASSEMBLY**
[54] **ENSEMBLE D'AFFICHAGE D'IMAGE**
[72] MILLMAN, RYAN J., US
[72] SMITH, CHEYNE, US
[71] GALLERY BLOCKS LLC DBA ARTSY COUTURE, US
[85] 2017-05-05
[86] 2015-11-09 (PCT/GB2015/053397)
[87] (WO2016/071721)
[30] US (62/076,927) 2014-11-07
[30] US (62/130,850) 2015-03-10
[30] US (62/160,370) 2015-05-12

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[21] **2,970,908**
[13] A1
[51] **Int.Cl. H04N 5/232 (2006.01) H04N 5/351 (2011.01)**
[25] EN
[54] **IMAGE CAPTURE HAVING IMPROVED TEMPORAL RESOLUTION AND PERCEIVED IMAGE SHARPNESS**
[54] **CAPTURE D'IMAGE AYANT UNE RESOLUTION TEMPORELLE AMELIOREE ET UNE NETTETE D'IMAGE PERCUE**
[72] WEBER, KLAUS, DE
[72] VAN GEEL, RONNY, NL
[71] GVBB HOLDINGS S.A.R.L., LU
[85] 2017-06-13
[86] 2015-12-15 (PCT/EP2015/079795)
[87] (WO2016/096859)
[30] US (62/092,110) 2014-12-15

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[13] A1
[51] **Int.Cl. C11D 1/16 (2006.01) C11D 3/36 (2006.01) C11D 3/37 (2006.01) C11D 3/386 (2006.01) C11D 17/08 (2006.01)**
[25] EN
[54] **METHOD OF AUTOMATIC DISHWASHING**
[54] **PROCEDE DE LAVAGE DE VAISSELLE AUTOMATIQUE**
[72] SOUTER, PHILIP FRANK, GB
[72] BROOKER, ALAN THOMAS, GB
[72] URE, COLIN, GB
[72] WILKINSON, CRAIG ADAM, GB
[72] WARDLE, IAN ROBERT, GB
[72] WENSLEY, THOMAS JAMES, GB
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2017-06-14
[86] 2015-12-01 (PCT/US2015/063119)
[87] (WO2016/099860)
[30] EP (14198698.4) 2014-12-17

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[13] A1
[51] **Int.Cl. C11D 1/16 (2006.01) C11D 3/36 (2006.01) C11D 3/37 (2006.01) C11D 3/386 (2006.01) C11D 17/08 (2006.01)**
[25] EN
[54] **METHOD OF AUTOMATIC DISHWASHING**
[54] **PROCEDE DE LAVAGE DE VAISSELLE AUTOMATIQUE**
[72] SOUTER, PHILIP FRANK, GB
[72] BROOKER, ALAN THOMAS, GB
[72] URE, COLIN, GB
[72] WILKINSON, CRAIG ADAM, GB
[72] WARDLE, IAN ROBERT, GB
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2017-06-14
[86] 2015-12-01 (PCT/US2015/063121)
[87] (WO2016/099861)
[30] EP (14198699.2) 2014-12-17

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[13] A1
[51] **Int.Cl. A61F 2/30 (2006.01) B28B 7/10 (2006.01) A61F 2/36 (2006.01)**
[25] EN
[54] **MOULD FOR FORMING OF A JOINT SPACER DEVICE OR A PART THEREOF**
[54] **MOULE POUR LA FORMATION D'UN DISPOSITIF D'ECARTEUR A CHARNIERE OU D'UNE PIECE DE CELUI-CI**
[72] CAPPELLETTI, AVA, IT
[71] CAPPELLETTI, AVA, IT
[85] 2017-04-25
[86] 2015-11-05 (PCT/IT2015/000267)
[87] (WO2016/071939)
[30] IT (RM2014A000645) 2014-11-06

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[13] A1
[51] **Int.Cl. C09D 133/14 (2006.01) C09D 5/00 (2006.01) C09D 7/12 (2006.01)**
[25] EN
[54] **COATING COMPOSITIONS, COATINGS AND METHODS FOR SOUND AND VIBRATION DAMPING AND WATER RESISTANCE**
[54] **COMPOSITIONS DE REVETEMENT, REVETEMENT ET PROCEDES POUR L'AMORTISSEMENT DES SONS ET DES VIBRATIONS ET LA RESISTANCE A L'EAU**
[72] WANG, WEI, US
[72] CHAO, TIEN-CHIEH, US
[72] FENN, DAVID R., US
[72] PHELPS, KENNETH T., US
[71] PPG INDUSTRIES OHIO, INC., US
[85] 2017-06-14
[86] 2015-12-11 (PCT/US2015/065303)
[87] (WO2016/100130)
[30] US (14/569,873) 2014-12-15

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[13] A1
[51] **Int.Cl. C08G 75/045 (2016.01) B05D 3/02 (2006.01) C08L 81/02 (2006.01) C09K 3/10 (2006.01)**
[25] EN
[54] **DUAL CURE POLYTHIOETHER**
[54] **POLYTHIOETHER A POLYMERISATION DOUBLE**
[72] YE, SHENG, US
[72] LI, JUNTING, US
[72] WANG, YIZHONG, US
[72] OXMAN, JOEL D., US
[72] DEMOSS, SUSAN E., US
[72] ZOOK, JONATHAN D., US
[71] 3M INNOVATIVE PROPERTIES COMPANY, US
[85] 2017-06-14
[86] 2015-12-22 (PCT/US2015/067450)
[87] (WO2016/106352)
[30] US (62/095,952) 2014-12-23

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[13] A1
[51] **Int.Cl. B07B 1/46 (2006.01) B07B 1/48 (2006.01) F16B 2/22 (2006.01)**
[25] EN
[54] **SUPPORT FOR TENSIONED SCREENING MEDIA**
[54] **SUPPORT POUR MOYENS DE TAMISAGE TENDUS**
[72] MALMBERG, MATS, SE
[72] FRANSSON, THOMAS, SE
[71] SANDVIK INTELLECTUAL PROPERTY AB, SE
[85] 2017-06-15
[86] 2015-01-16 (PCT/EP2015/050777)
[87] (WO2016/112994)

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[13] A1
[51] **Int.Cl. A61K 8/34 (2006.01) A61K 8/49 (2006.01) A61Q 19/02 (2006.01)**
[25] EN
[54] **A SKIN LIGHTENING COMPOSITION COMPRISING 4-HEXYLRESORCINOL AND ILOMASTAT**
[54] **COMPOSITION D'ECLAIRCISSEMENT DE LA PEAU, COMPRENANT DU 4-HEXYLRESORCINOL ET DE L'ILOMASTAT**
[72] DUTTA, MAITREYEE, IN
[72] KALE, VAIDEHI SUBHASH, IN
[72] NAIR, NIRMALA SANTOSH, IN
[71] UNILEVER PLC, GB
[85] 2017-06-15
[86] 2015-11-24 (PCT/EP2015/077410)
[87] (WO2016/107697)
[30] EP (14200625.3) 2014-12-30

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[13] A1
[51] **Int.Cl. C09D 151/08 (2006.01)**
[25] EN
[54] **RADIATION-CURABLE COATING COMPOUNDS CONSISTING OF A PLURALITY OF COMPONENTS, AND THE USE OF SAME IN RELEASE-COATED SUBSTRATES**
[54] **MATIERES DE REVETEMENT A PLUSIEURS COMPOSANTS, DURCISSABLES PAR RAYONNEMENT, ET LEUR UTILISATION DANS DES SUBSTRATS A REVETEMENT ANTI-ADHESIF**
[72] DOEHLER, HARDI, DE
[72] BRAND, MIKE, DE
[71] EVONIK DEGUSSA GMBH, DE
[85] 2017-06-15
[86] 2015-12-10 (PCT/EP2015/079237)
[87] (WO2016/096595)
[30] EP (PCT/EP2014/078393) 2014-12-18

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[13] A1
[51] **Int.Cl. H01H 71/04 (2006.01)**
[25] EN
[54] **IMPROVEMENTS IN OR RELATING TO CIRCUIT INTERRUPTION DEVICES**
[54] **AMELIORATIONS APPORTEES OU RELATIVES A DES DISPOSITIFS D'INTERRUPTION DE CIRCUIT**
[72] YANG, XIA, CN
[72] MA, YONGYUE, CN
[72] KIRBY, BRIAN, CN
[72] BALAKRISHNAN, GAJENDIRAN, GB
[72] HA, HENGXU, GB
[72] SRI GOPALA KRISHNA MURTHI, SANKARA SUBRAMANIAN, GB
[71] GENERAL ELECTRIC TECHNOLOGY GMBH, CH
[85] 2017-06-15
[86] 2015-12-10 (PCT/EP2015/079313)
[87] (WO2016/096618)
[30] EP (14275257.5) 2014-12-16

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[21] **2,970,972**
[13] A1
[51] **Int.Cl. H04N 9/64 (2006.01) G06T 5/00 (2006.01)**
[25] EN
[54] **METHOD AND DEVICE OF CONVERTING A HIGH-DYNAMIC-RANGE VERSION OF A PICTURE TO A STANDARD-DYNAMIC-RANGE VERSION OF SAID PICTURE**
[54] **PROCEDE ET DISPOSITIF DE CONVERSION D'UNE VERSION A PLAGE DYNAMIQUE ELEVEE D'UNE IMAGE EN UNE VERSION A PLAGE DYNAMIQUE STANDARD DE LADITE IMAGE**
[72] ANDRIVON, PIERRE, FR
[72] BORDES, PHILIPPE, FR
[72] HIRON, FRANCK, FR
[72] YAMAMOTO, MASARU, JP
[72] DONNAN, GARY, FR
[72] TOWN, JOHN, US
[71] THOMSON LICENSING, FR
[85] 2017-06-15
[86] 2015-12-09 (PCT/EP2015/079083)
[87] (WO2016/096562)
[30] EP (14290388.9) 2014-12-16
[30] EP (15305023.2) 2015-01-13

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[13] A1
[51] **Int.Cl. C11D 17/04 (2006.01) C11D 3/60 (2006.01) C11D 7/60 (2006.01)**
[25] EN
[54] **LAUNDRY AID AND USE THEREOF**
[54] **ADJUVANT DE LESSIVE ET SON UTILISATION**
[72] MERLET, SAMUEL, FR
[72] FERREIRA, RUI, US
[72] FANTINI, DIEGO, FR
[71] AHLSTROM-MUNKSJO OYJ, FI
[85] 2017-06-15
[86] 2015-12-14 (PCT/EP2015/079578)
[87] (WO2016/096715)
[30] EP (14198048.2) 2014-12-15

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[13] A1
[51] **Int.Cl. A23J 3/14 (2006.01) A23L 5/00 (2016.01) A23L 5/30 (2016.01) A23J 3/26 (2006.01)**
[25] EN
[54] **A SOLUTION OF DENATURED PEA PROTEIN, AND USES THEREOF TO FORM MICROPARTICLES**
[54] **SOLUTION DE PROTEINE DE POIS DENATUREE ET SES UTILISATIONS EN VUE DE LA FORMATION DE MICRO-PARTICULES**
[72] BLEIEL, SINEAD, IE
[72] KENT, ROBERT, IE
[71] ANABIO TECHNOLOGIES LIMITED, IE
[85] 2017-06-15
[86] 2015-12-15 (PCT/EP2015/079903)
[87] (WO2016/096929)
[30] EP (14198051.6) 2014-12-15

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[13] A1
[51] **Int.Cl. A61K 9/50 (2006.01) A61K 38/56 (2006.01) A61K 38/57 (2006.01)**
[25] EN
[54] **GASTRO-RESISTANT MICROENCAPSULATES, AND USES THEREOF TO STIMULATE IN-VIVO ILEAL GLP-1 RELEASE IN A MAMMAL**
[54] **MICROCAPSULES GASTRO-RESISTANTES, ET UTILISATIONS ASSOCIEES POUR STIMULER LA LIBERATION ILEALE DE GLP-1 IN VIVO CHEZ UN MAMMIFERE**
[72] BLEIEL, SINEAD, IE
[71] ANABIO TECHNOLOGIES LIMITED, IE
[85] 2017-06-15
[86] 2015-12-15 (PCT/EP2015/079905)
[87] (WO2016/096931)
[30] GB (1422259.0) 2014-12-15

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[13] A1
[51] **Int.Cl. A23G 1/00 (2006.01) A23D 7/015 (2006.01) A23D 9/02 (2006.01) A23G 1/36 (2006.01) A23G 1/52 (2006.01)**
[25] EN
[54] **AERATED FAT-BASED PRODUCT AND PREPARATION THEREOF**
[54] **PRODUIT AERE A BASE DE MATIERES GRASSES ET SA PREPARATION**
[72] PALZER, STEFAN, CH
[72] WINDHAB, ERICH JOSEF, CH
[72] KOLLER, CORNELIA, CH
[72] GERMAN, JAMEY, GB
[71] NESTEC S.A., CH
[85] 2017-06-15
[86] 2015-12-18 (PCT/EP2015/080566)
[87] (WO2016/097330)
[30] EP (14199331.1) 2014-12-19
[30] EP (14199333.7) 2014-12-19
[30] EP (14199316.2) 2014-12-19
[30] EP (14199321.2) 2014-12-19
[30] EP (15189879.8) 2015-10-15
[30] EP (15189885.5) 2015-10-15

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[13] A1
[51] **Int.Cl. B29C 45/56 (2006.01) B29C 33/36 (2006.01) B29C 45/14 (2006.01) B29C 45/37 (2006.01) B29C 47/00 (2006.01) B29C 47/02 (2006.01) H01B 7/00 (2006.01) H01B 13/14 (2006.01) H01B 13/24 (2006.01) H04R 1/10 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCING AN ELECTRICAL LINE, TOOL MOULD FOR SUCH A METHOD, AND LINE**
[54] **PROCEDE DE FABRICATION D'UNE LIGNE ELECTRIQUE, MOULE D'OUTIL APPROPRIE POUR UN TEL PROCEDE ET LIGNE CORRESPONDANTE**
[72] STADLER, WOLFGANG, DE
[72] WENZEL, JORG, DE
[71] LEONI KABEL GMBH, DE
[85] 2017-06-15
[86] 2015-12-16 (PCT/EP2015/080040)
[87] (WO2016/097012)
[30] DE (10 2014 226 335.2) 2014-12-17

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[13] A1
[51] **Int.Cl. C12Q 1/68 (2006.01)**
[25] EN
[54] **GENOMIC CLASSIFIER THAT PREDICTS RESPONSE TO MULTI-KINASE INHIBITOR TREATMENT INTRODUCTION**
[54] **CLASSIFICATEUR GENOMIQUE QUI PERMET DE PREDIRE LA REPONSE A L'INTRODUCTION D'UN TRAITEMENT AVEC UN INHIBITEUR DE KINASES A CIBLES MULTIPLES**
[72] BLAY, JEAN-YVES, FR
[72] JIANG, XIAOJUN, FR
[72] TREDAN, OLIVIER, FR
[72] RAY COQUARD, ISABELLE, FR
[71] CENTRE LEON-BERARD, FR
[85] 2017-06-15
[86] 2015-12-18 (PCT/EP2015/080475)
[87] (WO2016/097285)
[30] EP (14307115.7) 2014-12-19

[21] **2,970,986**
[13] A1
[51] **Int.Cl. C07K 16/28 (2006.01) C07K 16/30 (2006.01)**
[25] EN
[54] **FUSION PROTEIN COMPRISING THREE BINDING DOMAINS TO 5T4 AND CD3**
[54] **PROTEINE DE FUSION COMPRENANT TROIS DOMAINES DE LIAISON A 5T4 ET CD3**
[72] MERTENS, NICO, BE
[72] CUNNAH, PHILIP JEFFREY, PT
[72] DA FONSECA RICARDO, ANA RITA, PT
[71] BIOTECNOL LIMITED, GB
[85] 2017-06-15
[86] 2015-12-21 (PCT/EP2015/080795)
[87] (WO2016/097408)
[30] EP (14199493.9) 2014-12-19

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[13] A1
[51] **Int.Cl. C07D 213/84 (2006.01) A61K 31/4418 (2006.01) A61P 1/00 (2006.01) A61P 15/00 (2006.01) A61P 29/00 (2006.01) C07D 213/56 (2006.01) C07D 213/61 (2006.01) C07D 213/64 (2006.01) C07D 213/65 (2006.01) C07D 405/12 (2006.01)**
[25] EN
[54] **SUBSTITUTED PYRIDYL-CYCLOALKYL-CARBOXYLIC ACIDS, COMPOSITIONS CONTAINING THEM AND MEDICAL USES THEREOF**
[54] **ACIDES PYRIDYL-CYCLOALKYL-CARBOXYLIQUES SUBSTITUES, COMPOSITIONS LES CONTENANT ET LEURS UTILISATIONS MEDICALES**
[72] BRAUER, NICO, DE
[72] NAGEL, JENS, DE
[72] IRLBACHER, HORST, DE
[72] ROTGERI, ANDREA, DE
[72] SCHWEDE, WOLFGANG, DE
[72] DAHLLOF, HENRIK, SE
[72] KOPPITZ, MARCUS, DE
[72] PETERS, MICHAELE, DE
[72] GODINHO-COELHO, ANNE-MARIE, DE
[71] BAYER PHARMA AKTIENGESELLSCHAFT, DE
[85] 2017-06-15
[86] 2015-12-16 (PCT/EP2015/080041)
[87] (WO2016/097013)
[30] EP (14199006.9) 2014-12-18

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[13] A1
[51] **Int.Cl. B21D 5/08 (2006.01) B21D 22/26 (2006.01) B21D 35/00 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR PRODUCING AN ELONGATED PROFILED PART**
[54] **DISPOSITIF ET PROCEDE DE FABRICATION D'UN ELEMENT PROFILE ALLONGE**
[72] ROUET, CHRISTIAN, AT
[71] VOESTALPINE KREMS GMBH, AT
[85] 2017-06-15
[86] 2015-12-21 (PCT/EP2015/080895)
[87] (WO2016/097426)
[30] EP (14199470.7) 2014-12-19

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[13] A1
[51] **Int.Cl. A61K 9/00 (2006.01) A61K 9/14 (2006.01) A61K 9/24 (2006.01) A61K 9/28 (2006.01) A61K 9/52 (2006.01) A61K 31/365 (2006.01) A61K 31/702 (2006.01) A61P 3/00 (2006.01) A61K 8/02 (2006.01)**
[25] EN
[54] **A MODIFIED RELEASE COMPOSITION OF ORLISTAT AND ACARBOSE FOR THE TREATMENT OF OBESITY AND RELATED METABOLIC DISORDERS**
[54] **COMPOSITION A LIBERATION MODIFIEE D'ORLISTAT ET D'ACARBOSE POUR LE TRAITEMENT D'OBESITE ET DE TROUBLES METABOLIQUES ASSOCIES**
[72] ALDERBORN, GORAN, SE
[72] FORSLUND, ANDERS, SE
[72] HOLMBACK, ULF, SE
[72] LENNERNAS, HANS, SE
[72] GRUDEN, JAN STEFAN PERSSON, SE
[71] EMPROS PHARMA AB, SE
[85] 2017-06-15
[86] 2015-12-17 (PCT/EP2015/080265)
[87] (WO2016/097170)
[30] EP (14198468.2) 2014-12-17

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[13] A1
[51] **Int.Cl. C12N 5/0775 (2010.01) A61K 35/12 (2015.01)**
[25] EN
[54] **GENETICALLY MODIFIED MESENCHYMAL STEM CELLS EXPRESSING ALPHA-1 ANTITRYPSIN (AAT)**
[54] **CELLULES SOUCHES MESENCHYMATEUSES GENETIQUEMENT MODIFIEES EXPRIMANT L'ALPHA-1-ANTITRYPSINE (AAT)**
[72] GUNTHER, CHRISTINE, DE
[72] GEIGER-SCHREDELSEKER, SABINE, DE
[72] HERMANN, FELIX, DE
[72] HUSS, RALF, DE
[72] FORSTER, DARIA LARISSA, DE
[71] APCETH GMBH & CO. KG, DE
[85] 2017-06-15
[86] 2016-01-08 (PCT/EP2016/050271)
[87] (WO2016/110565)
[30] EP (15150454.5) 2015-01-08
[30] EP (15191934.7) 2015-10-28

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[13] A1
[51] **Int.Cl. C08F 297/04 (2006.01) B32B 27/00 (2006.01) C08G 18/08 (2006.01) C08G 18/42 (2006.01) C08G 18/62 (2006.01) C08G 18/66 (2006.01) C08G 18/69 (2006.01) C08G 18/76 (2006.01)**
[25] EN
[54] **SEGMENTED COPOLYMER COMPOSITION WITH IMPROVED PROPERTIES**
[54] **COMPOSITION DE COPOLYMERE SEGMENTE PRESENTANT DES PROPRIETES AMELIOREES**
[72] SERRANO AVILES, LUIS, ES
[72] MARTINEZ WICHTEL, DIANA, ES
[72] FRAGA TRILLO, LUISA MARIA, ES
[71] DYNASOL ELASTOMEROS, S. A., ES
[85] 2017-06-15
[86] 2016-02-12 (PCT/EP2016/052978)
[87] (WO2016/128535)
[30] EP (15382058.4) 2015-02-12

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[13] A1
[51] **Int.Cl. A01N 43/56 (2006.01) A01N 37/50 (2006.01) A01N 43/40 (2006.01) A01N 43/653 (2006.01) A01P 3/00 (2006.01)**
[25] EN
[54] **ACTIVE COMPOUND COMBINATIONS COMPRISING A (THIO)CARBOXAMIDE DERIVATIVE AND FUNGICIDAL COMPOUND(S)**
[54] **ASSOCIATIONS DE COMPOSES ACTIFS COMPRENANT UN DERIVE DE (THIO)CARBOXIMIDE ET UN OU PLUSIEURS COMPOSES FONGICIDES**
[72] DAHMEN, PETER, DE
[72] DESBORDES, PHILIPPE, FR
[72] KRIEG, ULRICH, DE
[71] BAYER CROPSCIENCE AKTIENGESELLSCHAFT, DE
[85] 2017-06-14
[86] 2015-12-15 (PCT/EP2015/079686)
[87] (WO2016/096782)
[30] EP (14290387.1) 2014-12-16

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[13] A1
[51] **Int.Cl. C23C 16/455 (2006.01) H01L 51/52 (2006.01)**
[25] EN
[54] **PROCESS FOR PRODUCING FLEXIBLE ORGANIC-INORGANIC LAMINATES**
[54] **PROCEDE DE PRODUCTION DE STRATIFIES ORGANIQUES-INORGANIQUES SOUPLES**
[72] AHLF, MARAIKE, DE
[72] FRANK, JUERGEN, DE
[72] ADERMANN, TORBEN, DE
[72] KLOTZ, STEPHAN, CH
[71] BASF COATINGS GMBH, DE
[85] 2017-06-14
[86] 2015-12-22 (PCT/EP2015/080988)
[87] (WO2016/116245)
[30] EP (15151839.6) 2015-01-20
[30] EP (15161121.7) 2015-03-26

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[13] A1
[51] **Int.Cl. C08G 73/02 (2006.01) C08G 65/08 (2006.01) C08G 65/26 (2006.01)**
[25] EN
[54] **POLYETHERAMINES WITH LOW MELTING POINT**
[54] **POLYETHERAMINES A POINT DE FUSION BAS**
[72] EBERT, SOPHIA, DE
[72] LUDOLPH, BJOERN, DE
[72] LOUGHNANE, BRIAN J., US
[71] BASF SE, DE
[85] 2017-06-14
[86] 2016-01-21 (PCT/EP2016/051176)
[87] (WO2016/120141)
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[25] FR
[54] **BENT GLASS SHEET SUPPORTED DURING COOLING**
[54] **FEUILLE DE VERRE BOMBEE MAINTENUE PENDANT SON REFROIDISSEMENT**
[72] MACHURA, CHRISTOPHE, FR
[72] GOBIN, JEROME, FR
[72] THELLIER, HERVE, FR
[72] CROGUENNEC, LOIC, FR
[71] SAINT-GOBAIN GLASS FRANCE, FR
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[87] (WO2016/108028)
[30] FR (1463433) 2014-12-30

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[51] **Int.Cl. C05D 9/02 (2006.01)**
[25] EN
[54] **PROCESS FOR PREPARING A SULPHUR-CONTAINING SOIL IMPROVER**
[54] **PROCEDE DE PREPARATION D'UN AGENT D'AMELIORATION DE SOL CONTENANT DU SOUFRE**
[72] ALLAIS, CYRILLE PAUL, NL
[71] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL
[85] 2017-06-14
[86] 2015-12-18 (PCT/EP2015/080670)
[87] (WO2016/097378)
[30] EP (14199219.8) 2014-12-19

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[51] **Int.Cl. C02F 1/24 (2006.01)**
[25] FR
[54] **BUSE OPTIMISEE D'INJECTION D'EAU PRESSURISEE CONTENANT UN GAZ DISSOUS**
[54] **OPTIMIZED NOZZLE FOR INJECTING PRESSURIZED WATER CONTAINING A DISSOLVED GAS**
[72] THOUVENOT, THOMAS, FR
[72] VIGNERON-LAROSA, NATHALIE, FR
[72] ROUX, NICOLAS, FR
[71] VEOLIA WATER SOLUTIONS & TECHNOLOGIES SUPPORT, FR
[85] 2017-06-14
[86] 2015-12-23 (PCT/EP2015/081221)
[87] (WO2016/102701)
[30] FR (1463342) 2014-12-24

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[13] A1
[51] **Int.Cl. H01M 8/0267 (2016.01) H01M 8/241 (2016.01) H01M 8/2483 (2016.01)**
[25] FR
[54] **EMPILEMENT DE CELLULES DE PILE A COMBUSTIBLE ET PILE A COMBUSTIBLE COMPRENANT UN TEL EMPILEMENT**
[54] **STACK OF CELLS OF A FUEL CELL AND FUEL CELL COMPRISING SUCH A STACK**
[72] CERCEAU, ARNAUD, FR
[72] PARIS, MARION, FR
[72] PATRAS, ERIC, FR
[72] ROSSINOT, ELISABETH, FR
[72] TROUVE, HELENE, FR
[71] L'AIR LIQUIDE, SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES GEORGES CLAUDE, FR
[85] 2017-06-14
[86] 2015-10-02 (PCT/FR2015/052640)
[87] (WO2016/097504)
[30] FR (1462517) 2014-12-16

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[13] A1
[51] **Int.Cl. C08J 5/22 (2006.01) C08J 3/24 (2006.01) C08L 29/04 (2006.01) C08L 43/04 (2006.01)**
[25] EN
[54] **ION EXCHANGE MEMBRANES PREPARED FROM CROSSLINKED ION EXCHANGE POLYMER COMPOSITIONS**
[54] **MEMBRANES ECHANGEUSES D'IONS PREPAREES A PARTIR DE COMPOSITIONS DE POLYMERES ECHANGEUSES D'IONS RETICULEES**
[72] ZHANG, KAI, SG
[72] BARBER, JOHN H., CA
[72] MACDONALD, RUSSELL JAMES, US
[72] ZHENG, YONGCHANG, US
[72] GOH, LI MAY, SG
[72] GAO, YAN, CA
[72] ZHAO, YONGHONG, SG
[71] GENERAL ELECTRIC COMPANY, US
[85] 2017-06-14
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[25] FR
[54] **PROCESS FOR PRODUCING A CARBON PASTE FOR THE MANUFACTURE OF HIGH-DENSITY ELECTRODES**
[54] **PROCEDE D'ELABORATION D'UNE PATE CARBONEE POUR LA FABRICATION D'ELECTRODES A HAUTE DENSITE**
[72] BELBACHIR, SALIMA, FR
[72] ANDRE, JEAN-FRANCOIS, FR
[72] BOUCHE, CHRISTOPHE, FR
[72] FELIX, OLIVIER, FR
[72] GONZALEZ, CHRISTIAN, FR
[72] PINONCELY, ANDRE, FR
[72] SOMNARD, BERTRAND, FR
[71] FIVE SOLIOS, FR
[85] 2017-06-14
[86] 2015-12-04 (PCT/FR2015/053319)
[87] (WO2016/107998)
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[51] **Int.Cl. C04B 28/04 (2006.01) C04B 22/00 (2006.01) C04B 24/24 (2006.01)**
[25] FR
[54] **HYDRAULIC COMPOSITION FOR BUILDING ROADS**
[54] **COMPOSITION HYDRAULIQUE POUR LA REALISATION DE CHAUSSEES**
[72] CREYX, ANTOINE, FR
[72] JONNEKIN, ARNAUD, FR
[72] MATHONIER, BENOIT, FR
[72] MESSAD, SAMIR, FR
[71] LAFARGE, FR
[85] 2017-06-14
[86] 2015-12-18 (PCT/FR2015/053619)
[87] (WO2016/097648)
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[51] **Int.Cl. C22C 14/00 (2006.01) C22C 30/00 (2006.01)**
[25] FR
[54] **INTERMETALLIC ALLOY BASED ON TITANIUM**
[54] **ALLIAGE INTERMETALLIQUE A BASE DE TITANE**
[72] GUEDOU, JEAN-YVES, FR
[72] FRANCHET, JEAN-MICHEL PATRICK MAURICE, FR
[72] STRUDEL, JEAN-LOUP BERNARD VICTOR, FR
[72] GERMANN, LAURENT, FR
[72] BANERJEE, DIPANKAR, IN
[72] KUMAR, VIKAS, IN
[72] NANDY, TAPASH, IN
[71] SAFRAN AIRCRAFT ENGINES, FR
[85] 2017-06-15
[86] 2015-12-14 (PCT/FR2015/053481)
[87] (WO2016/102806)
[30] FR (1463066) 2014-12-22

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[51] **Int.Cl. C08J 9/04 (2006.01) C08G 18/08 (2006.01) C08G 18/48 (2006.01) C08L 75/08 (2006.01)**
[25] EN
[54] **VISCOELASTIC POLYURETHANE FOAM WITH AQUEOUS POLYMER DISPERSION**
[54] **MOUSSE VISCOELASTIQUE DE POLYURETHANE AVEC UNE DISPERSION POLYMERE AQUEUSE**
[72] AOU, KAORU, US
[72] JACOBS, JOSEPH, US
[72] MENG, QINGHAO, US
[72] COOKSON, PAUL, CH
[71] DOW GLOBAL TECHNOLOGIES LLC, US
[71] ROHM AND HAAS COMPANY, US
[85] 2017-06-14
[86] 2015-12-15 (PCT/US2015/065680)
[87] (WO2016/100263)
[30] US (62/093,054) 2014-12-17
[30] US (62/166,261) 2015-05-26

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[51] **Int.Cl. C07D 403/06 (2006.01) A61K 31/496 (2006.01) A61P 19/02 (2006.01) A61P 19/04 (2006.01)**
[25] EN
[54] **5-[(PIPERAZIN-1-YL)-3-OXO-PROPYL]-IMIDAZOLIDINE-2,4-DIONE DERIVATIVES AS ADAMTS INHIBITORS FOR THE TREATMENT OF OSTEOARTHRITIS**
[54] **DERIVES 5-[(PIPERAZINE-1-YL) -3-OXO-PROPYL]-IMIDAZOLIDINE -2,4-DIONE COMME INHIBITEURS D'ADAMTS POUR LE TRAITEMENT DE L'ARTHROSE**
[72] BREBION, FRANCK LAURENT, FR
[72] ALVEY, LUKE JONATHAN, FR
[72] AMANTINI, DAVID, FR
[72] DEPREZ, PIERRE MARC MARIE JOSEPH, FR
[72] GOSMINI, ROMAIN LUC MARIE, FR
[72] JARY, HELENE MARIE, FR
[72] PEIXOTO, CHRISTOPHE, FR
[72] VARIN, MARIE LAURENCE CLAIRE, FR
[72] DE CEUNINCK, FREDERIC ANDRE, FR
[72] POP-BOTEZ, IULIANA ECATERINA, FR
[71] GALAPAGOS NV, BE
[71] LES LABORATOIRES SERVIER, FR
[85] 2017-06-15
[86] 2015-12-18 (PCT/EP2015/080430)
[87] (WO2016/102347)
[30] EP (EP14307129.8) 2014-12-22

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[13] A1
[51] **Int.Cl. G01N 33/566 (2006.01) C12N 15/00 (2006.01) G01N 15/00 (2006.01)**
[25] EN
[54] **DIRECTED EVOLUTION OF MEMBRANE PROTEINS IN EUKARYOTIC CELLS WITH A CELL WALL**
[54] **EVOLUTION DIRIGEE DE PROTEINES MEMBRANAIRES DANS DES CELLULES EUCARYOTES A PAROI CELLULAIRE**
[72] SCHUTZ, MARCO, CH
[72] PLUCKTHUN, ANDREAS, CH
[71] UNIVERSITAT ZURICH, CH
[85] 2017-06-15
[86] 2015-12-21 (PCT/EP2015/080858)
[87] (WO2016/102508)
[30] EP (14199729.6) 2014-12-22

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[13] A1
[51] **Int.Cl. C08B 37/00 (2006.01) A61K 8/60 (2006.01) A61K 8/73 (2006.01) A61K 47/26 (2006.01) A61K 47/36 (2006.01) B01F 17/00 (2006.01)**
[25] EN
[54] **AMPHIPHILIC BIOCONJUGATES OBTAINED FROM XYLAN DERIVATIVES**
[54] **BIOCONJUGUES AMPHIPHILES OBTENUS A PARTIR DE DERIVES DE XYLANE**
[72] CRAMAIL, HENRI, FR
[72] GRELIER, STEPHANE JEAN-PIERRE ALBERT, FR
[72] PICHAVANT, FREDERIQUE, FR
[72] DA SILVA PEREZ, DENILSON, FR
[72] ALFOS, CARINE, FR
[72] CHEMIN, MAUD SUZANNE, FR
[71] UNIVERSITE DE BORDEAUX, FR
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (C.N.R.S.), FR
[71] INSTITUT DES CORPS GRAS ETUDES ET RECHERCHES TECHNIQUES - ITERG, FR
[71] INSTITUT POLYTECHNIQUE DE BORDEAUX, FR
[71] INSTITUT TECHNOLOGIQUE FCBA, FR
[85] 2017-06-15
[86] 2015-12-16 (PCT/EP2015/080082)
[87] (WO2016/097043)
[30] EP (14307052.2) 2014-12-16

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[13] A1
[51] **Int.Cl. B01F 17/14 (2006.01) C09B 67/46 (2006.01) C09C 3/08 (2006.01) C09C 3/10 (2006.01)**
[25] EN
[54] **UNIVERSAL DISPERSANT**
[54] **DISPERSANT UNIVERSEL**
[72] YU, HUA, US
[71] AKZO NOBEL CHEMICALS INTERNATIONAL B.V., NL
[85] 2017-06-15
[86] 2015-12-17 (PCT/EP2015/080250)
[87] (WO2016/097162)
[30] US (62/094,409) 2014-12-19
[30] EP (15153402.1) 2015-02-02

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[13] A1
[51] **Int.Cl. H01B 7/02 (2006.01) H01B 3/30 (2006.01) H01B 9/00 (2006.01)**
[25] EN
[54] **ENERGY CABLE HAVING A COLD-STRIPPABLE SEMICONDUCTIVE LAYER**
[54] **CABLE D'ALIMENTATION POSSEDANT UNE COUCHE SEMI-CONDUCTRICE POUVANT ETRE DENUDEE A FROID**
[72] CAIMI, LUIGI, IT
[72] CRISCI, VINCENZO, IT
[72] BAREGGI, ALBERTO, IT
[71] PRYSMIAN S.P.A., IT
[85] 2017-06-15
[86] 2014-12-17 (PCT/IB2014/067031)
[87] (WO2016/097819)

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[13] A1
[51] **Int.Cl. B65H 19/29 (2006.01)**
[25] EN
[54] **TAIL SEALING APPARATUS**
[54] **APPAREIL DE COLLAGE DE LA DERNIERE FEUILLE D'UN LOG**
[72] STRAIN, VICTORIA GRACE, US
[72] MELLIN, ANDRE, US
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2017-06-15
[86] 2015-12-09 (PCT/US2015/064728)
[87] (WO2016/100040)
[30] US (62/091,699) 2014-12-15

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[13] A1
[51] **Int.Cl. B65H 19/29 (2006.01)**
[25] EN
[54] **NON-UNIFORM TAIL SEALING AND METHODS THEREOF**
[54] **COLLAGE NON-UNIFORME DE DERNIERE FEUILLE D'UN LOG ET PROCEDES ASSOCIES**
[72] STRAIN, VICTORIA GRACE, US
[72] MELLIN, ANDRE, US
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2017-06-15
[86] 2015-12-09 (PCT/US2015/064724)
[87] (WO2016/100039)
[30] US (62/091,694) 2014-12-15

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[13] A1
[51] **Int.Cl. H01M 8/1004 (2016.01) H01M 4/90 (2006.01)**
[25] EN
[54] **MEMBRANE ELECTRODE ASSEMBLY**
[54] **ASSEMBLAGE MEMBRANE-ELECTRODES**
[72] HAUGEN, GREGORY M., US
[72] ATANASOSKA, LJILJANA L., US
[72] ATANASOSKI, RADOSLAV, US
[72] HAUG, ANDREW T., US
[72] VAN DER VLIET, DENNIS F., US
[72] WONG, JIMMY L., US
[72] ARMSTRONG, ANDREW M., US
[71] 3M INNOVATIVE PROPERTIES COMPANY, US
[85] 2017-06-15
[86] 2015-12-09 (PCT/US2015/064698)
[87] (WO2016/100034)
[30] US (62/091,851) 2014-12-15
[30] US (62/096,097) 2014-12-23

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[13] A1
[51] **Int.Cl. C08G 69/26 (2006.01) C08J 3/03 (2006.01) C08L 77/06 (2006.01)**
[25] EN
[54] **WATER DISPERSIBLE POLYAMIDE BUILDING BLOCKS**
[54] **ELEMENTS POLYAMIDE STRUCTURAUX DISPERSIBLES DANS L'EAU**
[72] PAJERSKI, ANTHONY D., US
[72] ERDODI, GABOR, US
[72] POURAHMADY, NASER, US
[71] LUBRIZOL ADVANCED MATERIALS, INC., US
[85] 2017-06-15
[86] 2015-12-14 (PCT/US2015/065543)
[87] (WO2016/100201)
[30] US (62/093,503) 2014-12-18

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[51] **Int.Cl. C09D 5/08 (2006.01) C09D 7/12 (2006.01) C09D 201/08 (2006.01)**
[25] EN
[54] **OXIDIZED ALPHA-OLEFINS IN RUST PREVENTIVE COATINGS**
[54] **ALPHA-OLEFINES OXYDEES DANS DES REVETEMENTS ANTIROUILLE**
[72] CLARK, JENNIFER E., US
[72] FABER, BEN, US
[72] MORAN, GREGORY E., US
[72] MINCH, BRITT A., US
[72] BOOTHE, DAVID, US
[72] GREENFIELD, HANNAH, US
[72] VELIS, PEDRO, CL
[72] MORETON, DAVID J, GB
[71] THE LUBRIZOL CORPORATION, US
[85] 2017-06-15
[86] 2015-12-14 (PCT/US2015/065551)
[87] (WO2016/100206)
[30] US (62/091,692) 2014-12-15

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[13] A1
[51] **Int.Cl. B29C 45/16 (2006.01) B29C 45/00 (2006.01) B29C 45/26 (2006.01) B29D 11/00 (2006.01) B32B 27/08 (2006.01)**
[25] EN
[54] **METHOD FOR MANUFACTURING A MULTILAYER PLASTIC LENS**
[54] **PROCEDE DE FABRICATION D'UNE LENTILLE MULTICOUCHE EN MATIERE PLASTIQUE**
[72] KRALLMANN, RAINER, DE
[71] GEBR. KRALLMANN GMBH, DE
[85] 2017-06-16
[86] 2015-12-03 (PCT/EP2015/002431)
[87] (WO2016/096096)
[30] DE (10 2014 018 495.1) 2014-12-16

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[51] **Int.Cl. B02C 18/14 (2006.01) B02C 13/284 (2006.01) B02C 18/16 (2006.01) B02C 18/18 (2006.01) B02C 23/16 (2006.01)**
[25] EN
[54] **DISINTEGRATING DEVICE WITH A COMB SYSTEM**
[54] **DISPOSITIF DE BROYAGE AVEC UN SYSTEME A PEIGNE**
[72] DOPPSTADT, JOHANN, DE
[72] BERGER, HORST, DE
[71] DOPPSTADT FAMILIENHOLDING GMBH, DE
[85] 2017-06-16
[86] 2015-12-07 (PCT/EP2015/002457)
[87] (WO2016/096103)
[30] DE (20 2014 009 967.7) 2014-12-19
[30] DE (20 2015 003 527.2) 2015-05-18

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[51] **Int.Cl. A61K 9/00 (2006.01) A61K 38/48 (2006.01) A61K 47/26 (2006.01) A61M 5/31 (2006.01) A61M 5/315 (2006.01) A61Q 19/08 (2006.01)**
[25] EN
[54] **BOTULINUM TOXIN PREFILLED CONTAINER**
[54] **RECIPIENT PRE-REMPLI DE TOXINE BOTULINIQUE**
[72] VOGT, MARKUS, DE
[71] MERZ PHARMA GMBH & CO. KGAA, DE
[85] 2017-06-16
[86] 2015-12-22 (PCT/EP2015/002602)
[87] (WO2016/102068)
[30] EP (14004394.4) 2014-12-23

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[13] A1
[51] **Int.Cl. C07D 495/04 (2006.01) A61K 31/519 (2006.01)**
[25] EN
[54] **PYRAZOLOPYRIDINAMINES AS MKNK1 AND MKNK2 INHIBITORS**
[54] **PYRAZOLOPYRIDINAMINES UTILISEES COMME INHIBITEURS DE MKNK1 ET DE MKNK2**
[72] GIESE, ANJA, DE
[72] KLAR, ULRICH, DE
[72] GRAHAM, KEITH, DE
[72] KETTSCHAU, GEORG, DE
[72] SULZLE, DETLEV, DE
[72] LIENAU, PHILIP, DE
[72] PETERSEN, KIRSTIN, DE
[72] LEFRANC, JULIEN, DE
[72] SCHMIDT, NICOLE, US
[71] BAYER PHARMA AKTIENGESELLSCHAFT, DE
[85] 2017-06-16
[86] 2015-12-14 (PCT/EP2015/079587)
[87] (WO2016/096721)
[30] EP (14199096.0) 2014-12-19
[30] EP (15187501.0) 2015-09-29

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[51] **Int.Cl. E04C 5/01 (2006.01) B23P 6/04 (2006.01) C22C 38/00 (2006.01) E04G 21/12 (2006.01) E04G 23/02 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCING PRESTRESSED STRUCTURES AND STRUCTURAL PARTS BY MEANS OF SMA TENSION ELEMENTS, AND STRUCTURE AND STRUCTURAL PART EQUIPPED THEREWITH**
[54] **PROCEDE POUR LA REALISATION D'OUVRAGES DE CONSTRUCTION ET D'ELEMENTS DE CONSTRUCTION PRECONTRAINTS AU MOYEN D'ELEMENTS DE TRACTION SMA ET OUVRAGE DE CONSTRUCTION ET ELEMENT DE CONSTRUCTION AINSI EQUIPE**
[72] MOTAVALLI, MASOUD, CH
[72] WEBER, BENEDIKT, CH
[72] LEE, WOOKIJN, CH
[72] BRONNIMANN, ROLF, CH
[72] CZADERSKI, CHRISTOPH, CH
[72] LEINENBACH, CHRISTIAN, CH
[71] RE-FER AG, CH
[71] EIDGENOESSISCHE MATERIALPRUEFUNGS-UND FORSCHUNGSANSTALT EMPA, CH
[85] 2017-06-16
[86] 2015-12-14 (PCT/EP2015/079607)
[87] (WO2016/096737)
[30] CH (1980/14) 2014-12-18

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[13] A1
[51] **Int.Cl. A01N 43/40 (2006.01) A01N 43/56 (2006.01) A01N 45/02 (2006.01) A01P 3/00 (2006.01) A01P 5/00 (2006.01) A01P 13/00 (2006.01) A01P 21/00 (2006.01)**
[25] EN
[54] **ACTIVE COMPOUND COMBINATIONS**
[54] **COMBINAISONS DE COMPOSES ACTIFS**
[72] DUBOST, CHRISTOPHE, FR
[72] WACHENDORFF-NEUMANN, ULRIKE, DE
[72] MAECHLING, SIMON, FR
[72] MEISSNER, RUTH, DE
[71] BAYER CROPSCIENCE AKTIENGESELLSCHAFT, DE
[85] 2017-06-16
[86] 2015-12-16 (PCT/EP2015/080028)
[87] (WO2016/097003)
[30] EP (14199123.2) 2014-12-19

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[13] A1
[51] **Int.Cl. C07K 1/107 (2006.01) C07K 1/13 (2006.01) C07K 14/36 (2006.01) C07K 14/47 (2006.01)**
[25] EN
[54] **IDENTIFICATION OF TRANSGLUTAMINASE SUBSTRATES AND USES THEREFOR**
[54] **IDENTIFICATION DE SUBSTRATS DE TRANSGLUTAMINASE ET LEURS UTILISATIONS**
[72] ALBERT, THOMAS, US
[72] BERGMANN, FRANK, DE
[72] LYAMICHEV, VICTOR, US
[72] PATEL, JIGAR, US
[72] SCHRAEML, MICHAEL, DE
[72] STEFFEN, WOJTEK, DE
[71] F. HOFFMANN-LA ROCHE AG, CH
[85] 2017-06-16
[86] 2015-12-15 (PCT/EP2015/079689)
[87] (WO2016/096785)
[30] US (62/094,495) 2014-12-19

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[13] A1
[51] **Int.Cl. A01N 43/30 (2006.01) A01N 43/40 (2006.01) A01N 43/653 (2006.01) A01N 47/38 (2006.01) A01P 3/00 (2006.01) A01P 13/00 (2006.01) A01P 21/00 (2006.01)**
[25] EN
[54] **ACTIVE COMPOUND COMBINATIONS**
[54] **COMBINAISONS DE COMPOSES ACTIFS**
[72] DUBOST, CHRISTOPHE, FR
[72] WACHENDORFF-NEUMANN, ULRIKE, DE
[72] MAECHLING, SIMON, FR
[72] MEISSNER, RUTH, DE
[71] BAYER CROPSCIENCE AKTIENGESELLSCHAFT, DE
[85] 2017-06-16
[86] 2015-12-15 (PCT/EP2015/079781)
[87] (WO2016/096849)
[30] EP (14199120.8) 2014-12-19

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[54] **ACTIVE COMPOUND COMBINATIONS**
[54] **COMBINAISONS DE COMPOSES ACTIFS**
[72] DUBOST, CHRISTOPHE, FR
[72] WACHENDORFF-NEUMANN, ULRIKE, DE
[72] MAECHLING, SIMON, FR
[72] MEISSNER, RUTH, DE
[71] BAYER CROPSCIENCE AKTIENGESELLSCHAFT, DE
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[54] **DELIVERY DEVICE**
[54] **DISPOSITIF DE REFOULEMENT**
[72] BEENKER, JAN W., DE
[71] QONQAVE GMBH, DE
[85] 2017-06-16
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[25] EN
[54] **DELIVERY DEVICE**
[54] **DISPOSITIF DE REFOULEMENT**
[72] BEENKER, JAN W., DE
[71] QONQAVE GMBH, DE
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[86] 2015-12-17 (PCT/EP2015/080238)
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[25] EN
[54] **AQUEOUS ELECTROLYTE-CONTAINING ADJUVANT COMPOSITIONS, ACTIVE INGREDIENT-CONTAINING COMPOSITIONS AND THE USE THEREOF**
[54] **COMPOSITIONS ADJUVANTES AQUEUSES CONTENANT UN ELECTROLYTE, COMPOSITIONS CONTENANT UNE SUBSTANCE ACTIVE ET UTILISATION DESDITES COMPOSITIONS**
[72] BAUR, PETER, DE
[72] APONTE, JOHN, DE
[72] SCHWEINITZER, GERD, DE
[71] CLARIANT INTERNATIONAL LTD, CH
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[25] EN
[54] **OIL FILLER COMPOSITIONS AND USES THEREOF**
[54] **COMPOSITIONS DE CHARGE D'HUILE ET UTILISATIONS DE CELLES-CI**
[72] LESER, MARTIN, CH
[72] REH, CHRISTOPH, CH
[72] PALZER, STEPHAN, CH
[72] FRIES, LENNART, CH
[72] NIEDERREITER, GERHARD, CH
[72] GEHIN-DELVAL, CECILE, FR
[72] HAIDER, CHRISTINE, CH
[71] NESTEC S.A., CH
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[54] **DELIVERY DEVICE**
[54] **DISPOSITIF DE TRANSPORT**
[72] BEENKER, JAN W., DE
[72] RITSCHKA, RAYMOND, DE
[72] REDSCHLAG, LARS, DE
[71] QONQAVE GMBH, DE
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[54] **CONVEYING DEVICE**
[54] **DISPOSITIF DE TRANSPORT**
[72] BEENKER, JAN W., DE
[71] QONQAVE GMBH, DE
[85] 2017-06-16
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[25] EN
[54] **FIRE EXTINGUISHING SYSTEM VALVES AND FIRE EXTINGUISHING SYSTEMS WITH SAID VALVES**
[54] **VANNES D'INSTALLATIONS D'EXTINCTION D'INCENDIE ET INSTALLATIONS D'EXTINCTION D'INCENDIE EQUIPEES DE CES VANNES**
[72] POHL, MATTHIAS, DE
[71] MINIMAX GMBH & CO. KG, DE
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[54] **MEANS AND METHODS FOR THE DETERMINATION OF THE BIOLOGICAL ACTIVITY OF BONT/E IN CELLS**
[54] **MOYENS ET PROCEDES POUR LA DETERMINATION DE L'ACTIVITE BIOLOGIQUE DE LA BONT/E DANS LES CELLULES**
[72] BRUNN, CORNELIA, DE
[72] MANDER, GERD, DE
[71] MERZ PHARMA GMBH & CO. KGAA, DE
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[54] **DOUBLE JERSEY KNITTED FABRIC WITH YARN SELECTION**
[54] **TISSU TRICOTE JERSEY DOUBLE A SELECTION DE FIL**
[72] VANWELDEN, JOHAN, BE
[71] LAVA BVBA, BE
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[54] **CYSTEINE LINKED NANOBODY DIMERS**
[54] **DIMERES DE NANO-ANTICORPS LIES A DE LA CYSTEINE**
[72] JANSSEN, DANIEL, BE
[72] SCHOTTE, PETER, BE
[72] DESCAMPS, FRANCIS, BE
[72] BOUTTON, CARLO, BE
[72] CASTEELS, PETER, BE
[71] ABLYNX N.V., BE
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[54] **MINIMALLY INVASIVE MITRAL VALVE REPLACEMENT WITH BRIM**
[54] **REMPLACEMENT A EFFRACTION MINIMALE DE VALVULE MITRALE COMPRENANT UN REBORD**
[72] LIM, HOU-SEN, SG
[72] GOTZ, WOLFGANG, DE
[71] VENUS MEDTECH (HANGZHOU), INC., CN
[85] 2017-06-16
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[54] **COMPOSITIONS FOR INTRODUCING NUCLEIC ACID INTO CELLS**
[54] **COMPOSITIONS POUR L'INTRODUCTION D'ACIDE NUCLEIQUE DANS DES CELLULES**
[72] DOHMEN, CHRISTIAN, DE
[72] PLANK, CHRISTIAN, DE
[72] RUDOLPH, CARSTEN, DE
[71] ETHRIS GMBH, DE
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[25] EN
[54] **SYSTEM AND METHOD FOR ELECTROTACTILE FEEDBACK**
[54] **SYSTEME ET PROCEDE POUR UNE RETROACTION ELECTROTACTILE**
[72] STRBAC, MATIJA, ES
[72] BIJELIC, GORAN, ES
[72] MALESEVIC, NEBOJSA, ES
[72] KELLER, THIERRY, ES
[71] FUNDACION TECNALIA RESEARCH & INNOVATION, ES
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[54] **METHOD FOR DETERMINING PATHOLOGICAL TISSUE DAMAGE AND DIAGNOSING INFECTIOUS DISEASE IN FISH**
[54] **PROCEDE DE DETERMINATION DE LESIONS TISSULAIRES PATHOLOGIQUES ET DE DIAGNOSTIC DE MALADIES INFECTIEUSES CHEZ LES POISSONS**
[72] ECKERSALL, PETER DAVID, GB
[72] BRACELAND, MARK JAMES THOMAS, GB
[72] COCKERILL, DAVID JOHN, GB
[72] TINSLEY, JOHN WILLIAM, GB
[72] BICKERDIKE, RALPH ANTHONY, GB
[71] BIOMAR GROUP A/S, DK
[71] MARINE HARVEST (SCOTLAND) LIMITED, GB
[71] THE UNIVERSITY COURT OF THE UNIVERSITY OF GLASGOW, GB
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[25] EN
[54] **USE OF ISOXAZOLINE COMPOUNDS FOR TREATING DEMODICOSIS**
[54] **UTILISATION DE COMPOSES D'ISOXAZOLINE POUR LE TRAITEMENT DE LA GALE DEMODECTIQUE**
[72] WILLIAMS, HEIKE, DE
[72] HECKEROTH, ANJA REGINA, DE
[72] TANZLER, JANINA, DE
[72] FRENAIS, REGIS JOEL ALAIN, FR
[71] INTERVET INTERNATIONAL B.V., NL
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[25] EN
[54] **PROCESS FOR PREPARATION OF A SUPPORTED COBALT-CONTAINING FISCHER-TROPSCH SYNTHESIS CATALYST**
[54] **PROCEDE DE PREPARATION D'UN CATALYSEUR SUPPORTE DE SYNTHESE DE FISCHER-TROPSCH CONTENANT DU COBALT**
[72] FERGUSON, EWEN, GB
[72] PATERSON, ALEXANDER, GB
[71] BP P.L.C., GB
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[25] EN
[54] **LIDAR BASED ON MEMS**
[54] **LIDAR EQUIPE D'UN MEMS**
[72] KORSGAARD JENSEN, JORGEN, GB
[72] RODRIGO, PETER JOHN, DK
[72] PEDERSEN, CHRISTIAN, DK
[72] HU, QI, DK
[71] WINDAR PHOTONIC A/S, DK
[85] 2017-06-16
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[51] **Int.Cl. C09C 1/00 (2006.01)**
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[54] **PEARLESCENT PIGMENTS, PROCESS FOR PRODUCING THEM, AND USE OF SUCH PIGMENTS**
[54] **PIGMENTS NACRES, LEUR PROCEDE DE PRODUCTION ET L'UTILISATION DE TELS PIGMENTS**
[72] HUBER, ADALBERT, DE
[72] PIECH, FABIAN, DE
[72] SHIMIZU, KAIMAN, DE
[71] SCHLENK METALLIC PIGMENTS GMBH, DE
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[54] **IMMUNOASSAYS FOR HIGH POSITIVELY CHARGED PROTEINS**
[54] **DOSAGES IMMUNOLOGIQUES POUR DES PROTEINES A CHARGE POSITIVE ELEVEE**
[72] BERTOTTI, ELISA, IT
[72] CASTAGNA, VALERIA, IT
[71] ARES TRADING S.A., CH
[85] 2017-06-16
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[25] EN
[54] **BIOREACTOR AND FERMENTATION PROCESS FOR PRODUCING HYDROGEN**
[54] **BIOREACTEUR ET PROCEDE DE FERMENTATION PERMETTANT DE PRODUIRE DE L'HYDROGENE**
[72] ALITALO, ANNI, FI
[72] AURA, ERKKI, FI
[72] NISKANEN, MARKO, FI
[71] QVIDJA KRAFT AB, FI
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[25] EN
[54] **ELECTRICALLY HEATABLE ANTENNA PANE AS WELL AS PRODUCTION METHOD THEREFOR**
[54] **PLAQUE D'ANTENNE A CHAUFFAGE ELECTRIQUE AINSI QUE PROCEDE DE FABRICATION ASSOCIE**
[72] DROSTE, STEFAN, DE
[72] STELLING, BERND, DE
[72] FRANCOIS, GUILLAUME, DE
[71] SAINT-GOBAIN GLASS FRANCE, FR
[85] 2017-06-16
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[25] EN
[54] **NOVEL HUMANIZED ADAM17 ANTIBODY**
[54] **NOUVEAUX ANTICORPS ANTI-ADAM17 HUMANISES**
[72] LOWE, PETER, FR
[72] BERGER, SVEN, FR
[72] TESAR, MICHAEL, DE
[71] PIERRE FABRE MEDICAMENT, FR
[85] 2017-06-15
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[25] FR
[54] **METHOD FOR MEASURING THE DISTANCE SEPARATING TWO MOBILE NODES HAVING ESTABLISHED A UWB RADIO LINK**
[54] **PROCEDE DE MESURE DE LA DISTANCE SEPARANT DEUX NOEUDS MOBILES AYANT ETABLI UNE LIAISON RADIOELECTRIQUE UWB**
[72] CHIODINI, ALAIN, FR
[71] SAFRAN ELECTRONICS & DEFENSE, FR
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[25] EN
[54] **COMPOUND FOR TREATMENT OF MYOTONIC DYSTROPHY TYPE 1**
[54] **COMPOSE POUR LE TRAITEMENT D'UNE DYSTROPHIE MYOTONIQUE DE TYPE 1**
[72] ARTERO ALLEPUZ, RUBEN DARIO, ES
[72] BARGIELA SCHONBRUNN, ARIADNA, ES
[72] LLAMUSI TROISI, BEATRIZ, ES
[72] PEREZ ALONSO, MANUEL, ES
[72] FERNANDEZ COSTA, JUAN MANUEL, ES
[71] UNIVERSITAT DE VALENCIA, ESTUDI GENERAL, ES
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[25] FR
[54] **SYSTEM FOR SAMPLING SEDIMENTS ON A BOTTOM OF A LIQUID MEDIUM**
[54] **SYSTEME DE PRELEVEMENT DE SEDIMENTS SUR UN FOND D'UN MILIEU LIQUIDE**
[72] LE GUEN, GUYLENE, FR
[72] PETARD, PHILIPPE, FR
[71] ENVIRONNEMENTAL SEDIMENTS TREATMENT, FR
[85] 2017-06-16
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[25] FR
[54] **BENZENESULFONAMIDE DERIVATIVES AS INVERSE AGONISTS OF RETINOID-RELATED ORPHAN RECEPTOR GAMMA (ROR GAMMA (T))**
[54] **DERIVES BENZENESULFONAMIDES EN TANT QU'AGONISTES INVERSES DU RECEPTEUR GAMMA ORPHELIN ASSOCIE AUX RETINOIDES ROR GAMMA (T)**
[72] MUSICKI, BRANISLAV, FR
[72] OUVRY, GILLES, FR
[72] THOREAU, ETIENNE, FR
[72] BOUIX-PETER, CLAIRE, FR
[71] GALDERMA RESEARCH & DEVELOPMENT, FR
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[25] FR
[54] **BENZIMIDAZOLE SULFONAMIDE DERIVATIVES AS INVERSE AGONISTS OF RETINOID-RELATED ORPHAN RECEPTOR GAMMA (ROR GAMMA (T))**
[54] **DERIVES BENZIMIDAZOLES SULFONAMIDES EN TANT QU'AGONISTES INVERSES DU RECEPTEUR GAMMA ORPHELIN ASSOCIE AUX RETINOIDES ROR GAMMA (T)**
[72] MUSICKI, BRANISLAV, FR
[72] OUVRY, GILLES, FR
[72] BOUIX-PETER, CLAIRE, FR
[72] THOREAU, ETIENNE, FR
[71] GALDERMA RESEARCH & DEVELOPMENT, FR
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[25] EN
[54] **DRILL BIT DISTANCE TO HOLE BOTTOM MEASUREMENT**
[54] **MESURE DE LA DISTANCE ENTRE UN TREPAN DE FORAGE ET UN FOND DE TROU**
[72] ZHENG, SHUNFENG, US
[72] JEFFRYES, BENJAMIN P., GB
[72] ORBAN, JACQUES, US
[72] TUNC, GOKTURK, US
[71] SCHLUMBERGER CANADA LIMITED, CA
[85] 2017-06-16
[86] 2015-12-17 (PCT/US2015/066414)
[87] (WO2016/100687)
[30] US (62/094,502) 2014-12-19
[30] US (62/140,705) 2015-03-31

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[51] **Int.Cl. C23C 22/36 (2006.01) C01B 25/37 (2006.01) C09C 1/04 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCING ANISOTROPIC ZINC PHOSPHATE PARTICLES AND ZINC METAL MIXED PHOSPHATE PARTICLES AND USE THEREOF**
[54] **PROCEDE DE PRODUCTION DE PARTICULES ANISOTROPES DE PHOSPHATE DE ZINC ET DE PHOSPHATE MIXTE ZINC/METAL ET LEUR UTILISATION**
[72] ALBAYRAK, SENER, DE
[72] BECKER-WILLINGER, CARSTEN, DE
[72] BENTZ, DIRK, DE
[72] PERRE, EMILIE MARIE, FR
[71] LEIBNIZ-INSTITUT FUR NEUE MATERIALIEN GEMEINNUTZIGE GMBH, DE
[85] 2017-06-19
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[30] DE (10 2014 119 472.1) 2014-12-22

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[25] EN
[54] **EPOXY RESIN COMPOSITION**
[54] **COMPOSITION DE RESINE EPOXY**
[72] HOLTGREWE, CHRISTIAN, DE
[72] KUSTER, HARALD, DE
[72] BACHON, THOMAS, DE
[72] SCHONFELD, RAINER, DE
[71] HENKEL AG & CO. KGAA, DE
[85] 2017-06-19
[86] 2015-12-17 (PCT/EP2015/080329)
[87] (WO2016/102329)
[30] DE (10 2014 226 826.5) 2014-12-22

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[51] **Int.Cl. C07K 16/24 (2006.01)**
[25] EN
[54] **COMPOSITION, KIT AND METHOD FOR INHIBITION OF IL-21 MEDIATED ACTIVATION OF HUMAN CELLS**
[54] **COMPOSITION, KIT ET PROCEDE SERVANT A L'INHIBITION DE L'ACTIVATION MEDIEE PAR IL-21 DE CELLULES HUMAINES**
[72] AHLBORG, NIKLAS, SE
[72] PAULIE, STAFFAN, SE
[71] MABTECH AB, SE
[85] 2017-06-19
[86] 2015-12-15 (PCT/EP2015/079794)
[87] (WO2016/096858)
[30] SE (1451620-7) 2014-12-19

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[51] **Int.Cl. F04B 43/12 (2006.01)**
[25] EN
[54] **PERISTALTIC PUMP**
[54] **POMPE PERISTALTIQUE**
[72] OUDE VRIELINK, RONALD, NL
[72] VAN DER SPAN, FOKKE PATRICK, NL
[72] LITTOOIJ, JONATHAN ADRIANUS, NL
[71] WATSON-MARLOW BREDEL B.V., NL
[85] 2017-06-19
[86] 2015-12-17 (PCT/EP2015/080304)
[87] (WO2016/097188)
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[51] **Int.Cl. E21B 43/26 (2006.01) C09K 8/64 (2006.01)**
[25] EN
[54] **FLUOROETHER FLUID COMPOSITION AND METHOD FOR STIMULATION IN THE FIELD OF OIL AND GAS PRODUCTION**
[54] **COMPOSITION DE FLUIDE DE FLUOROETHER ET PROCEDE POUR STIMULATION DANS LE DOMAINE DE PRODUCTION DE PETROLE ET DE GAZ**
[72] BARRETO, GILLES, FR
[71] ARKEMA FRANCE, FR
[85] 2017-06-19
[86] 2015-12-22 (PCT/EP2015/081021)
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[30] FR (1463516) 2014-12-31
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[25] EN
[54] **METHOD FOR TREATING HEART FAILURE**
[54] **PROCEDE POUR TRAITER L'INSUFFISANCE CARDIAQUE**
[72] ITESCU, SILVIU, AU
[72] GOLDEN, LEE, US
[71] MESOBLAST INTERNATIONAL SARL, CH
[85] 2017-06-19
[86] 2015-12-22 (PCT/EP2015/081042)
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[51] **Int.Cl. C08G 73/10 (2006.01)**
[25] FR
[54] **PROCESS FOR PRODUCING AROMATIC POLYIMIDES**
[54] **PROCEDE DE FABRICATION DE POLYIMIDES AROMATIQUES**
[72] JEOL, STEPHANE, US
[72] ROSSIN, RENE, FR
[72] MOLLET, VINCENT, FR
[72] PACI, BENJAMIN, FR
[72] FENOUILLOT-RIMLINGER, FRANCOISE, FR
[72] ROUSSEAU, ALAIN, FR
[71] RHODIA OPERATIONS, FR
[71] INSTITUT NATIONAL DES SCIENCES APPLIQUEES DE LYON, FR
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR
[71] UNIVERSITE CLAUDE BERNARD LYON 1, FR
[71] UNIVERSITE JEAN MONNET SAINT-ETIENNE, FR
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[86] 2015-12-17 (PCT/EP2015/080377)
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[25] EN
[54] **PREVENTION OF PROGRESSIVE HEART FAILURE**
[54] **PREVENTION DE L'INSUFFISANCE CARDIAQUE PROGRESSIVE**
[72] ITESCU, SILVIU, AU
[72] GOLDEN, LEE, US
[71] MESOBLAST INTERNATIONAL SARL, CH
[85] 2017-06-19
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[51] **Int.Cl. D21J 7/00 (2006.01) D21J 3/00 (2006.01) D21J 5/00 (2006.01)**
[25] EN
[54] **TOOL OR TOOL PART, SYSTEM INCLUDING SUCH A TOOL OR TOOL PART, METHOD OF PRODUCING SUCH A TOOL OR TOOL PART AND METHOD OF MOLDING A PRODUCT FROM A PULP SLURRY**
[54] **OUTIL OU PARTIE D'OUTIL, SYSTEME COMPRENANT UN TEL OUTIL OU UNE TELLE PARTIE D'OUTIL, PROCEDE DE PRODUCTION D'UN TEL OUTIL OU D'UNE TELLE PARTIE D'OUTIL, ET PROCEDE DE MOULAGE DEPRODUIT A PARTIR DE PATE LIQUIDE**
[72] ANDERSSON, JOHN, SE
[72] VOGT, UDO, DE
[72] PIERCE, DAVID A., SE
[71] CELWISE AB, SE
[85] 2017-06-19
[86] 2014-12-22 (PCT/EP2014/079005)
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[25] EN
[54] **ANTI IL-34 ANTIBODIES**
[54] **ANTICORPS ANTI-IL-34**
[72] HEYMANN, DOMINIQUE, FR
[72] SEGALINY, AUDE, FR
[72] BRION, REGIS, FR
[71] UNIVERSITE DE NANTES, FR
[71] CHU NANTES, FR
[71] INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE (INSERM), FR
[85] 2017-06-19
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[25] EN
[54] **MODULE FOR THE PRODUCTION OF CONCRETE PARTS, DISPLACEMENT BODY, USE OF A GRID FOR THE PRODUCTION OF A MODULE AND CONCRETE PART**
[54] **MODULE DE PRODUCTION D'ELEMENTS EN BETON, ORGANE DE DEPLACEMENT, UTILISATION D'UNE GRILLE POUR FABRIQUER UN MODULE ET ELEMENT EN BETON**
[72] MIEDZIK, GEORG, CH
[72] MEIER, HUGO, CH
[71] HEINZE GRUPPE VERWALTUNGS GMBH, DE
[85] 2017-06-19
[86] 2016-01-14 (PCT/EP2016/050611)
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[51] **Int.Cl. A61K 9/14 (2006.01) A61K 9/51 (2006.01)**
[25] EN
[54] **PRODUCTS FOR THE DELIVERY OF THERAPEUTIC/DIAGNOSTIC COMPOUNDS TO THE HEART**
[54] **PRODUITS POUR L'ADMINISTRATION DE COMPOSES THERAPEUTIQUES/DIAGNOSTIQUES AU CŒUR**
[72] CATALUCCI, DANIELE, IT
[72] MIRAGOLI, MICHELE, IT
[72] IAFISCO, MICHELE, IT
[72] TAMPIERI, ANNA, IT
[71] CONSIGLIO NAZIONALE DELLE RICERCHE, IT
[71] ISTITUTO NAZIONALE ASSICURAZIONE CONTRO GLI INFORTUNI SUL LAVORO, IT
[85] 2017-06-19
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[25] EN
[54] **METHODS FOR WOUND HEALING**
[54] **METHODES FAVORISANT LA CICATRISATION DES PLAIES**
[72] VAGESJO, EVELINA, SE
[72] PHILLIPSON, MIA, SE
[72] ROOS, STEFAN, SE
[71] ILYA PHARMA AB, SE
[85] 2017-06-19
[86] 2015-12-23 (PCT/EP2015/081146)
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[25] EN
[54] **6-HYDROXYBENZOFURANYL- AND 6-ALKOXYBENZOFURANYL-SUBSTITUTED IMIDAZOPYRIDAZINES**
[54] **IMIDAZOPYRIDAZINES 6-HYDROXYBENZOFURANYL- ET 6-ALCOXYBENZOFURANYL-SUBSTITUEES**
[72] EIS, KNUT, DE
[72] HARTUNG, INGO, DE
[72] PETERSEN, KIRSTIN, DE
[72] LIENAU, PHILIP, DE
[72] BOMER, ULF, DE
[71] BAYER PHARMA AKTIENGESELLSCHAFT, DE
[85] 2017-06-19
[86] 2015-12-21 (PCT/EP2015/080720)
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[25] EN
[54] **TREMOR STABILISATION APPARATUS AND METHODS**
[54] **APPAREIL ET PROCEDES DE STABILISATION D'UN TREMBLEMENT**
[72] DE PANISSE, PAUL, GB
[72] IBRAHIM, YOUSSEF, GB
[72] MEDEISIS, JUSTAS, LT
[72] LASIMAN, TIARVANDO, GB
[72] VAKLEV, NIKOLAY LYUBOMIROV, GB
[72] ONG, JOON FAII, GB
[72] GAN, BENJAMIN, GB
[72] KOH, BENJAMIN, US
[72] SOLER, XAVIER LAGUARTA, GB
[72] CHOONG NGAN LOU, WINSTON, GB
[71] GYROGEAR LIMITED, GB
[85] 2017-06-19
[86] 2015-12-22 (PCT/GB2015/054128)
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[51] **Int.Cl. C10G 31/08 (2006.01) C10G 17/04 (2006.01) C10G 53/10 (2006.01)**
[25] EN
[54] **PROCESS FOR REMOVING METAL NAPHTHENATE FROM CRUDE HYDROCARBON MIXTURES**
[54] **PROCEDE D'ELIMINATION DE NAPHTENATE METALLIQUE A PARTIR DE MELANGES D'HYDROCARBURES BRUTS**
[72] GRANDE, KNUT, NO
[72] KUMMERNES, HEGE, NO
[72] HOVIK, KIM REIDAR, NO
[72] VINDSTAD, JENS EMIL, NO
[72] MEDIAAS, HEIDI, NO
[72] ROSVOLL, JORUNN STEINSLAND, NO
[72] HAUG, INGVILD JOHANNE, NO
[71] STATOIL PETROLEUM AS, NO
[85] 2017-06-20
[86] 2014-12-23 (PCT/EP2014/079147)
[87] (WO2016/101998)

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[25] EN
[54] **STOP FOR A DRILLING, MILLING OR COUNTERSINKING TOOL**
[54] **BUTEE POUR OUTIL DE PERCAGE, FRAISAGE OU LAMAGE**
[72] REBHOLZ, FELIX, DE
[71] GUHRING KG, DE
[85] 2017-06-20
[86] 2015-08-12 (PCT/EP2015/068542)
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[30] EP (PCT/EP2014/067277) 2014-08-12
[30] DE (10 2014 115 768.0) 2014-10-30

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[25] FR
[54] **METHOD FOR REFOCUSING AN OPTICAL ASSEMBLY**
[54] **PROCEDE DE RE-FOCALISATION D'UN MONTAGE OPTIQUE**
[72] DEVOS, ARNAUD, FR
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR
[71] UNIVERSITE DE LILLE 1, FR
[71] ISEN, FR
[85] 2017-06-20
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[25] EN
[54] **APPARATUS FOR HARVESTING EGG FLUID, AND ASSOCIATED METHOD**
[54] **APPAREIL DE RECUEIL DU LIQUIDE DES ŒUFS, ET PROCEDE ASSOCIE**
[72] FEDEROWICZ, JOSEPH, US
[72] PALLAY, LOUIS, US
[71] ZOETIS SERVICES LLC, US
[85] 2017-06-19
[86] 2016-01-21 (PCT/US2016/014215)
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[51] **Int.Cl. G02B 23/08 (2006.01) A61B 3/08 (2006.01) G02B 25/00 (2006.01)**
[25] EN
[54] **METHOD OF EXAMINING AN EYE OF A SQUINTING PERSON BY USE OF A PERISCOPIC DEVICE AND SUCH A PERISCOPIC DEVICE**
[54] **PROCEDE D'EXAMEN D'UN ŒIL D'UNE PERSONNE STRABIQUE PAR UTILISATION D'UN DISPOSITIF PERISCOPIQUE, ET UN TEL DISPOSITIF PERISCOPIQUE**
[72] SAUNTE, JON PETER, DK
[72] BONNE, MAX, DK
[72] CHRISTENSEN, THOMAS OLUND, DK
[71] GEELTECH APS, DK
[85] 2017-06-20
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[25] EN
[54] **CONTROLLED-RELEASE FORMULATIONS**
[54] **FORMULATIONS A LIBERATION CONTROLEE**
[72] TIBERG, FREDRIK, SE
[72] JOHNSSON, MARKUS, SE
[72] BARAUSKAS, JUSTAS, SE
[71] CAMURUS AB, SE
[85] 2017-06-20
[86] 2015-12-23 (PCT/EP2015/081191)
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[30] GB (1423134.4) 2014-12-23

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[51] **Int.Cl. C07K 7/08 (2006.01) A61K 38/04 (2006.01) C12N 9/99 (2006.01) C12N 15/87 (2006.01)**
[25] EN
[54] **PEPTIDES AND NANOPARTICLES FOR INTRACELLULAR DELIVERY OF MOLECULES**
[54] **PEPTIDES ET NANOPARTICULES POUR L'ADMINISTRATION INTRACELLULAIRE DE MOLECULES**
[72] DIVITA, GILLES, FR
[72] DESAI, NEIL, US
[71] AADIGEN, LLC, US
[85] 2017-06-20
[86] 2015-12-23 (PCT/EP2015/081197)
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[30] FR (14/03004) 2014-12-24

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[51] **Int.Cl. G02C 7/02 (2006.01) G02C 7/10 (2006.01)**
[25] EN
[54] **MANAGEMENT SYSTEM AND METHOD OF AN ACTIVE LENS**
[54] **SYSTEME ET PROCEDE DE GESTION D'UN VERRE ACTIF**
[72] ROUSSEAU, DENIS, FR
[72] BARRAU, CORALIE, FR
[72] COHEN TANNOUDJI, DENIS, FR
[72] PERROT, STEPHANE, FR
[72] BOUCHIER, AUDE, FR
[72] CANO, JEAN-PAUL, FR
[72] BIVER, CLAUDINE, FR
[72] ARCHAMBEAU, SAMUEL, FR
[72] BALLET, JEROME, FR
[72] ESCAICH, DAVID, FR
[71] ESSILOR INTERNATIONAL (COMPAGNIE GENERALE D'OPTIQUE), FR
[85] 2017-06-20
[86] 2015-12-23 (PCT/EP2015/081202)
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[30] EP (14307205.6) 2014-12-30

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[51] **Int.Cl. B01D 25/00 (2006.01) B01D 25/21 (2006.01) B01D 25/28 (2006.01) B01D 25/30 (2006.01)**
[25] EN
[54] **METHOD FOR MANUFACTURING A RECESS PLATE**
[54] **PLAQUE EN CREUX ET PROCEDE POUR LA FABRICATION DE CELLE-CI**
[72] BOHNKE, BERND, DE
[71] OUTOTEC (FINLAND) OY, FI
[85] 2017-06-19
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[51] **Int.Cl. E01H 1/00 (2006.01)**
[25] FR
[54] **ABSORPTION AND MARKING OF A POTENTIALLY DANGEROUS SUBSTANCE**
[54] **ABSORPTION ET SIGNALISATION D'UN PRODUIT POTENTIELLEMENT A RISQUE**
[72] BIGATA, ERIC, FR
[72] BLOMET, JOEL, FR
[71] HG3 S.A.R.L., LU
[85] 2017-06-19
[86] 2015-12-14 (PCT/EP2015/079625)
[87] (WO2016/102226)
[30] FR (14 63265) 2014-12-23

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[51] **Int.Cl. C12N 9/10 (2006.01) C12P 21/00 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR PROTEIN GLYCOSYLATION**
[54] **COMPOSITIONS ET PROCEDES DE GLYCOSYLATION DE PROTEINES**
[72] HAAS, JURGEN, CH
[72] IHSSEN, JULIAN, CH
[72] KOWARIK, MICHAEL THOMAS, CH
[72] SCHWEDE, TORSTEN FRANZ, CH
[72] THONY-MEYER, LINDA CHRISTIANE, CH
[71] GLAXOSMITHKLINE BIOLOGICALS S.A., BE
[85] 2017-06-19
[86] 2015-12-24 (PCT/EP2015/081229)
[87] (WO2016/107818)
[30] US (62/097,975) 2014-12-30
[30] US (62/098,071) 2014-12-30

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[51] **Int.Cl. C12P 17/04 (2006.01) C07D 307/46 (2006.01)**
[25] EN
[54] **PROCESS FOR PREPARING (METH)ACRYLIC ESTERS OF FUNCTIONALIZED FURYL ALCOHOLS**
[54] **PROCEDE DE PRODUCTION D'ESTERS D'ACIDE (METH)ACRYLIQUE D'ALCOOLS FURFURYLIQUES AU MOYEN D'UNE LIPASE**
[72] FLECKENSTEIN, CHRISTOPH, DE
[72] BLANCHOT, MATHIEU, DE
[72] BLANK, BENOIT, DE
[72] KALLER, MARTIN, DE
[72] STENGEL, ULRIK, DE
[72] MISSKE, ANDREA, DE
[72] FLEISCHHAKER, FRIEDERIKE, DE
[72] NAIR, RITESH, DE
[71] BASF SE, DE
[85] 2017-06-20
[86] 2015-12-16 (PCT/EP2015/080076)
[87] (WO2016/102281)
[30] US (62/095,097) 2014-12-22

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[51] **Int.Cl. B29D 7/01 (2006.01) B32B 27/32 (2006.01) B32B 37/14 (2006.01)**
[25] EN
[54] **PROCESS FOR THE FORMATION OF A POROUS FILM ASSEMBLY**
[54] **PROCEDE DE FORMATION D'UN ENSEMBLE EN FILM POREUX**
[72] ZAGGL, ALEXANDER, DE
[72] RITTMANN, MICHAEL, DE
[71] W. L. GORE & ASSOCIATES GMBH, DE
[85] 2017-06-20
[86] 2016-02-24 (PCT/EP2016/053853)
[87] (WO2016/135188)
[30] EP (15000530.4) 2015-02-24

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[51] **Int.Cl. C07D 401/14 (2006.01) A61K 31/44 (2006.01) A61P 33/06 (2006.01)**
[25] EN
[54] **THIOTRIAZOLE COMPOUND AND ITS USE IN PARASITIC PROTOZOAL INFECTIONS**
[54] **COMPOSE DE THIOTRIAZOLE ET SON UTILISATION DANS DES INFECTIONS A PROTOZOAIRES PARASITES**
[72] DIAZ HERNANDEZ, BEATRIZ, ES
[72] FERNANDEZ VELANDO, ESTHER PILAR, ES
[72] WILSON, DAVID MATTHEW, GB
[71] GLAXOSMITHKLINE INTELLECTUAL PROPERTY DEVELOPMENT LIMITED, GB
[85] 2017-06-20
[86] 2015-12-21 (PCT/EP2015/080730)
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[30] EP (14382555.2) 2014-12-22

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[13] A1
[51] **Int.Cl. C12N 15/10 (2006.01) C07K 7/50 (2006.01) C07K 11/02 (2006.01)**
[25] EN
[54] **NOVEL METHODS FOR DISPLAYING CYCLIC PEPTIDES ON BACTERIOPHAGE PARTICLES**
[54] **NOUVELLES METHODES D'EXPOSITION DE PEPTIDES CYCLIQUES SUR DES PARTICULES BACTERIOPHAGES**
[72] URBAN, JOHANNES HERBERT, DE
[72] MOOSMEIER, MARKUS ANDREAS, DE
[72] BOSMA, TJIBBE, NL
[72] PRASSLER, JOSEF, DE
[71] MORPHOSYS AG, DE
[85] 2017-06-20
[86] 2015-12-21 (PCT/EP2015/080738)
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[30] EP (14199588.6) 2014-12-22

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[13] A1
[51] **Int.Cl. G01B 21/14 (2006.01) B05B 12/08 (2006.01) C23C 4/00 (2016.01) G01B 5/00 (2006.01) G01B 11/06 (2006.01) G01B 11/12 (2006.01)**
[25] EN
[54] **METHOD AND COATING SYSTEM FOR COATING CAVITY WALLS**
[54] **PROCEDE ET INSTALLATION DE REVETEMENT POUR APPLIQUER UN REVETEMENT SUR DES PAROIS DE CAVITES**
[72] WIMMER, PATRICK, DE
[72] BERNWINKLER, FABIAN, DE
[72] KESTING, MARC, DE
[72] VOLLINGER, RALF, DE
[72] SCHUTZ, WOLFGANG, DE
[71] STURM MASCHINEN- & ANLAGENBAU GMBH, DE
[85] 2017-06-20
[86] 2016-01-15 (PCT/EP2016/050777)
[87] (WO2016/116367)
[30] EP (15151724.0) 2015-01-20
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[13] A1
[51] **Int.Cl. E21B 47/12 (2012.01) E21B 44/00 (2006.01) E21B 47/00 (2012.01)**
[25] EN
[54] **OPTIMIZING SENSOR SELECTION AND OPERATION FOR WELL MONITORING AND CONTROL**
[54] **OPTIMISATION DE SELECTION ET D'UTILISATION DE CAPTEURS POUR SURVEILLANCE ET COMMANDE DE PUITS**
[72] XUE, YUZHEN, US
[72] DYKSTRA, JASON D., US
[72] GE, XIAOQING, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2017-06-20
[86] 2015-03-06 (PCT/US2015/019198)
[87] (WO2016/144292)

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[13] A1
[51] **Int.Cl. E21B 17/042 (2006.01)**
[25] EN
[54] **BALANCED THREAD FORM, TUBULARS EMPLOYING THE SAME, AND METHODS RELATING THERETO**
[54] **PROFIL DE FILET EQUILIBRE, ELEMENTS TUBULAIRES EMPLOYANT CELUI-CI ET PROCEDES S'Y RAPPORTANT**
[72] MURADOV, ANDREI, US
[72] JELLISON, MICHAEL JOSEPH, US
[71] NATIONAL OILWELL VARCO, L.P., US
[85] 2017-06-20
[86] 2016-01-06 (PCT/US2016/012310)
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[30] US (14/602,947) 2015-01-22

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[13] A1
[51] **Int.Cl. E21B 43/12 (2006.01) E21B 17/18 (2006.01) E21B 43/30 (2006.01) E21B 43/38 (2006.01)**
[25] FR
[54] **DEVICE FOR DISCHARGING LIQUIDS ACCUMULATED IN A WELL**
[54] **DISPOSITIF D'EVACUATION DE LIQUIDES ACCUMULES DANS UN PUITS.**
[72] DELEERSNYDER, MATHIEU, FR
[72] LEMETAYER, PIERRE, FR
[72] BEAUQUIN, JEAN-LOUIS, FR
[71] TOTAL SA, FR
[85] 2017-06-20
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[13] A1
[51] **Int.Cl. F01N 3/20 (2006.01) F01N 3/02 (2006.01) F01N 3/28 (2006.01)**
[25] EN
[54] **EXHAUST GAS TREATMENT SYSTEM AND METHOD, AS WELL AS SHIP COMPRISING, AND USE OF, SUCH A SYSTEM**
[54] **SYSTEME ET PROCEDE DE TRAITEMENT DE GAZ D'ECHAPPEMENT, AINSI QUE BATEAU EQUIPE D'UN TEL SYSTEME ET UTILISANT CELUI-CI**
[72] CHRISTENSEN, KENNETH, DK
[72] MOLGAARD, SOREN, DK
[71] ALFA LAVAL CORPORATE AB, SE
[85] 2017-06-21
[86] 2015-12-11 (PCT/EP2015/079411)
[87] (WO2016/102211)
[30] EP (14199534.0) 2014-12-22

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[51] **Int.Cl. B01D 53/04 (2006.01) B01D 53/26 (2006.01) B60T 17/00 (2006.01)**
[25] EN
[54] **DEVICE FOR ATTENUATING AN EXHAUST-GAS NOISE, SYSTEM COMPRISING A DEVICE OF SAID TYPE, SORPTION DRYER HAVING A DEVICE OF SAID TYPE, AND METHOD FOR ATTENUATING AN EXHAUST-GAS NOISE**
[54] **DISPOSITIF PERMETTANT D'ATTENUER LE BRUIT D'UN GAZ D'ECHAPPEMENT, SYSTEME COMPRENANT LEDIT DISPOSITIF, DESSICCATEUR A SORPTION MUNI DUDIT DISPOSITIF ET PROCEDE PERMETTANT D'ATTENUER LE BRUIT D'UN GAZ D'ECHAPPEMENT**
[72] WALDSCHMIDT-SCHROER, SYLKE, DE
[72] AMTMANN, TILL, DE
[71] DONALDSON FILTRATION DEUTSCHLAND GMBH, DE
[85] 2017-06-21
[86] 2015-09-02 (PCT/EP2015/001767)
[87] (WO2016/102033)
[30] DE (10 2014 018 932.5) 2014-12-22

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[13] A1
[51] **Int.Cl. B26B 19/14 (2006.01) B26B 19/20 (2006.01)**
[25] EN
[54] **BEARD TRIMMER HAVING ONE OR MORE ROTARY HEADS**
[54] **TONDEUSE A BARBE AVEC UNE OU PLUSIEURS TETES ROTATIVES**
[72] SMAL, OLIVIER, BE
[72] JULEMONT, PIERRE, BE
[71] BABYLISS FACO SPRL, BE
[85] 2017-06-21
[86] 2015-12-14 (PCT/EP2015/079635)
[87] (WO2016/102229)
[30] EP (14199560.5) 2014-12-22

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[13] A1
[51] **Int.Cl. C01F 11/18 (2006.01) C09C 1/02 (2006.01)**
[25] EN
[54] **PROCESS TO OBTAIN AN ULTRAFINE GCC WITH HIGH LIGHT SCATTERING PROPERTIES AND HIGH SOLID CONTENT**
[54] **PROCEDE D'OBTENTION D'UN CARBONATE DE CALCIUM BROYE (GCC) ULTRAFIN AYANT DES PROPRIETES DE DIFFUSION DE LUMIERE ELEVEES ET UNE HAUTE TENEUR EN SOLIDE**
[72] GANTENBEIN, DANIEL, CH
[72] GANE, PATRICK A.C., CH
[72] ORTEN, ROLF ENDRE, NO
[72] WEIHS, JAN PHILIPP, CH
[72] HUNZIKER, PHILIPP, US
[72] AMUNDSEN, ASBJORN HOYEM, NO
[72] SANDVIK, TOMMY, NO
[72] JENSEN, BJORN, NO
[71] OMYA INTERNATIONAL AG, CH
[85] 2017-06-21
[86] 2016-01-04 (PCT/EP2016/050006)
[87] (WO2016/110459)
[30] EP (15150367.9) 2015-01-07
[30] US (62/103,095) 2015-01-14

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[13] A1
[51] **Int.Cl. C07C 67/303 (2006.01) C07B 35/00 (2006.01) C07C 69/52 (2006.01) C07C 69/587 (2006.01) C11C 3/12 (2006.01)**
[25] EN
[54] **IMPROVED PROCESS FOR THE SELECTIVE HYDROGENATION OF VEGETABLE OILS**
[54] **PROCEDE AMELIORE D'HYDROGENATION SELECTIVE D'HUILES VEGETALES**
[72] BORSOTTI, GIAMPIETRO, IT
[72] CAPUZZI, LUIGI, IT
[72] DIGIOIA, FRANCESCA, IT
[71] NOVAMONT S.P.A., IT
[85] 2017-06-21
[86] 2015-12-21 (PCT/EP2015/080865)
[87] (WO2016/102509)
[30] IT (MI2014A002204) 2014-12-22

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[13] A1
[51] **Int.Cl. E21F 17/18 (2006.01) F16P 3/08 (2006.01)**
[25] EN
[54] **ZONE PASSAGE CONTROL IN WORKSITE**
[54] **CONTROLE DE PASSAGE DE ZONE DANS UN LIEU DE TRAVAIL**
[72] RUOKOJARVI, JARKKO, FI
[72] LEHTINEN, ANTTI, FI
[72] KALLIO, JANNE, FI
[71] SANDVIK MINING AND CONSTRUCTION OY, FI
[85] 2017-06-21
[86] 2015-12-16 (PCT/EP2015/079914)
[87] (WO2016/107743)
[30] EP (14200373.0) 2014-12-29

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[13] A1
[51] **Int.Cl. G01N 21/3504 (2014.01) G01N 21/33 (2006.01)**
[25] FR
[54] **PORTABLE DEVICE FOR THE IN-LINE MEASUREMENT OF THE HYDROGEN SULFIDE CONCENTRATION OF AN OFF-GAS**
[54] **DISPOSITIF TRANSPORTABLE DE MESURE EN LIGNE DE LA CONCENTRATION EN SULFURE D'HYDROGENE D'UN EFFLUENT GAZEUX**
[72] HUMBLOT, FRANCIS, FR
[72] SCHMITT, PAUL GUILLAUME, FR
[72] DUBOS, JEAN-LUC, FR
[71] ARKEMA FRANCE, FR
[85] 2017-06-21
[86] 2016-01-26 (PCT/EP2016/051586)
[87] (WO2016/120277)
[30] FR (1550615) 2015-01-27

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[13] A1
[51] **Int.Cl. A61K 9/00 (2006.01) A61K 47/44 (2017.01) A61K 47/46 (2006.01)**
[25] EN
[54] **EMULSIONS FOR PARENTERAL ADMINISTRATION**
[54] **EMULSIONS POUR ADMINISTRATION PARENTERALE**
[72] BRITO DE LA FUENTE, EDMUNDO, DE
[72] ASSEGEHEGN, GETACHEW, DE
[72] GALLEGOS-MONTES, CRISPULO, DE
[72] HEKMATARA, TELLI, DE
[72] QUINCHIA-BUSTAMENTE, LIDA A., DE
[71] FRESENIUS KABI DEUTSCHLAND GMBH, DE
[85] 2017-06-21
[86] 2016-03-31 (PCT/EP2016/057130)
[87] (WO2016/156528)
[30] EP (15161846.9) 2015-03-31

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[13] A1
[51] **Int.Cl. C12N 7/00 (2006.01) C07K 14/065 (2006.01) C07K 16/08 (2006.01) C12Q 1/70 (2006.01)**
[25] EN
[54] **SALMON GILL POXVIRUS**
[54] **POXVIRUS DES BRANCHIES DE SAUMON**
[72] GJESSING, MONA CECILE, NO
[72] TENGS, TORSTEIN, NO
[71] VETERINARINSTITUTTET, NO
[85] 2017-06-21
[86] 2015-12-22 (PCT/EP2015/080982)
[87] (WO2016/102569)
[30] SE (1451636-3) 2014-12-22
[30] NO (20150012) 2015-01-02

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[13] A1
[51] **Int.Cl. A23C 21/08 (2006.01) A23L 33/00 (2016.01) A23L 33/17 (2016.01) A61K 9/00 (2006.01)**
[25] EN
[54] **PRODUCT COMPRISING A CONTAINER AND WHEY PROTEIN**
[54] **PRODUIT COMPRENANT UN RECIPIENT, ET PROTEINE LACTOSERIQUE**
[72] VALENTINI, CELINE, FR
[72] BA, JEAN-FRANCOIS, FR
[71] COMPAGNIE GERVAIS DANONE, FR
[85] 2017-06-21
[86] 2015-12-28 (PCT/EP2015/081309)
[87] (WO2016/102712)
[30] IB (PCT/IB2014/003124) 2014-12-26
[30] IB (PCT/IB2014/003125) 2014-12-26
[30] IB (PCT/IB2014/003126) 2014-12-26

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[13] A1
[51] **Int.Cl. A23C 9/154 (2006.01) A23L 29/212 (2016.01) A23L 29/281 (2016.01) A23L 33/19 (2016.01) A23C 9/15 (2006.01) A23C 21/06 (2006.01) A23C 21/10 (2006.01)**
[25] EN
[54] **PROCESS FOR MAKING A VISCOUS COMPOSITION COMPRISING WHEY PROTEIN**
[54] **PROCEDE DE FABRICATION D'UNE COMPOSITION VISQUEUSE COMPRENANT UNE PROTEINE DE LACTOSERUM**
[72] VALENTINI, CELINE, FR
[72] PHILIPPE, JEAN-MARC, FR
[71] COMPAGNIE GERVAIS DANONE, FR
[85] 2017-06-21
[86] 2015-12-28 (PCT/EP2015/081311)
[87] (WO2016/102714)
[30] IB (PCT/IB2014/003124) 2014-12-26
[30] IB (PCT/IB2014/003125) 2014-12-26
[30] IB (PCT/IB2014/003126) 2014-12-26

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[13] A1
[51] **Int.Cl. E01C 23/10 (2006.01) E01C 23/07 (2006.01)**
[25] EN
[54] **A VEHICLE SYSTEM FOR AUTOMATIC REPAIRING OF ROAD POTHOLES**
[54] **SYSTEME DE VEHICULE POUR REPARATION AUTOMATISEE DE NIDS-DE-POULE SUR LA CHAUSSEE**
[72] YUN, KYUNG WON, KR
[72] PARK, IN SONG, KR
[71] SMART AIR CHAMBER CO., LTD., KR
[85] 2017-06-21
[86] 2015-11-24 (PCT/KR2015/012647)
[87] (WO2016/108433)
[30] KR (10-2014-0195201) 2014-12-31

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[13] A1
[51] **Int.Cl. E01C 23/10 (2006.01) E01C 23/07 (2006.01)**
[25] EN
[54] **A METHOD FOR AUTOMATICALLY REPAIRING OF ROAD POTHOLES**
[54] **PROCEDE DE REPARATION AUTOMATIQUE DE NIDS-DE-POULE DE CHAUSSEE**
[72] YUN, KYUNG WON, KR
[72] PARK, IN SONG, KR
[71] SMART AIR CHAMBER CO., LTD., KR
[85] 2017-06-21
[86] 2015-11-24 (PCT/KR2015/012645)
[87] (WO2016/108432)
[30] KR (10-2014-0195186) 2014-12-31

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[13] A1
[51] **Int.Cl. E04B 1/62 (2006.01) C09J 7/02 (2006.01)**
[25] EN
[54] **AIR AND WATER BARRIER ARTICLES**
[54] **ARTICLES BARRIERES A L'AIR ET A L'EAU**
[72] SEABAUGH, TAYLOR M., US
[72] WIDENBRANT, MARTIN J., US
[72] FRONEK, DANIEL R., US
[72] HOLLO, ALAN J., US
[72] SETH, JAYSHREE, US
[71] 3M INNOVATIVE PROPERTIES COMPANY, US
[85] 2017-06-21
[86] 2015-12-22 (PCT/US2015/067261)
[87] (WO2016/106273)
[30] US (62/095,321) 2014-12-22

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[13] A1
[51] **Int.Cl. A61L 27/18 (2006.01) A61F 2/16 (2006.01) A61L 27/14 (2006.01) A61L 27/26 (2006.01)**
[25] EN
[54] **WET-PACK INTRAOCULAR LENS MATERIALS WITH HIGH REFRACTIVE INDEX**
[54] **EMBALLAGE A L'ETAT HUMIDE DES MATERIAUX DE LENTILLE INTRAOCULAIRE AYANT UN INDICE DE REFRACTION ELEVE**
[72] JIANG, XUWEI, US
[72] SCHLUETER, DOUGLAS, US
[72] LAREDO, WALTER, US
[71] NOVARTIS AG, CH
[85] 2017-06-21
[86] 2016-01-26 (PCT/US2016/014817)
[87] (WO2016/133656)
[30] US (62/116,724) 2015-02-16

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[13] A1
[51] **Int.Cl. A23J 1/14 (2006.01) A23J 3/22 (2006.01) A23J 3/26 (2006.01)**
[25] EN
[54] **EXTRUDED PLANT PROTEIN PRODUCT WITH COLOURING PLANT INGREDIENTS AND PRODUCTION METHOD**
[54] **PRODUIT PROTEIQUE VEGETAL CONTENANT DES INGREDIENTS VEGETAUX COLORANTS ET PROCEDE DE FABRICATION**
[72] EISNER, PETER, DE
[72] OSEN, RAFFAEL, DE
[71] FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE
[85] 2017-06-22
[86] 2015-06-15 (PCT/EP2015/063274)
[87] (WO2016/000940)
[30] DE (10 2014 009 822.2) 2014-07-02
[30] DE (10 2015 203 653.7) 2015-03-02

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[13] A1
[51] **Int.Cl. A61K 8/49 (2006.01) A61K 8/67 (2006.01) A61Q 19/02 (2006.01)**
[25] EN
[54] **A SKIN LIGHTENING COMPOSITION COMPRISING NIACINAMIDE AND ILOMASTAT**
[54] **COMPOSITION D'ECLAIRCISSEMENT DE LA PEAU COMPRENANT DU NIACINAMIDE ET DE L'ILOMASTAT**
[72] DUTTA, MAITREYEE, IN
[72] KALE, VAIDEHI SUBHASH, IN
[72] NAIR, NIRMALA SANTOSH, IN
[71] UNILEVER PLC, GB
[85] 2017-06-22
[86] 2015-12-08 (PCT/EP2015/078975)
[87] (WO2016/107720)
[30] EP (14200619.6) 2014-12-30

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[13] A1
[51] **Int.Cl. G02B 27/22 (2006.01) H04N 13/04 (2006.01)**
[25] EN
[54] **AUTOSTEREOSCOPIC DISPLAY DEVICE**
[54] **DISPOSITIF D'AFFICHAGE AUTO-STEREOSCOPIQUE**
[72] VDOVIN, OLEXANDR VALENTYNOVYCH, NL
[72] KROON, BART, NL
[72] JOHNSON, MARK THOMAS, NL
[72] VAN PUTTEN, EIBERT GERJAN, NL
[71] KONINKLIJKE PHILIPS N.V., NL
[85] 2017-06-22
[86] 2015-12-18 (PCT/EP2015/080383)
[87] (WO2016/102338)
[30] EP (14200328.4) 2014-12-24

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[13] A1
[51] **Int.Cl. B60C 11/13 (2006.01) B60C 11/03 (2006.01)**
[25] EN
[54] **PNEUMATIC VEHICLE TIRE**
[54] **PNEUMATIQUE DE VEHICULE**
[72] HEINHAUPT, TORSTEN, DE
[71] CONTINENTAL REIFEN DEUTSCHLAND GMBH, DE
[85] 2017-06-22
[86] 2015-11-12 (PCT/EP2015/076416)
[87] (WO2016/113017)
[30] DE (10 2015 200 234.9) 2015-01-12

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[13] A1
[51] **Int.Cl. C12N 15/113 (2010.01) A61P 25/14 (2006.01) A61K 31/713 (2006.01)**
[25] EN
[54] **RNAI INDUCED HUNTINGTIN GENE SUPPRESSION**
[54] **SUPPRESSION DU GENE DE LA HUNTINGTINE INDUITE PAR DE L'ARNI**
[72] KONSTANTINOVA, PAVLINA STEFANOVA, NL
[72] JANA, MINIARIKOVA, NL
[71] UNIQURE IP B.V., NL
[85] 2017-06-22
[86] 2015-12-23 (PCT/EP2015/081157)
[87] (WO2016/102664)
[30] EP (14200308.6) 2014-12-24

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[13] A1
[51] **Int.Cl. C10G 31/11 (2006.01) C10G 45/58 (2006.01) C10G 67/14 (2006.01) C10M 177/00 (2006.01)**
[25] EN
[54] **PROCESS FOR PREPARING A BASE OIL HAVING A REDUCED CLOUD POINT**
[54] **PROCEDE DE PREPARATION D'UNE HUILE DE BASE PRESENTANT UN POINT DE TROUBLE REDUIT**
[72] RENKEMA, DUURT, NL
[72] DEN BOESTERT, JOHANNES LEENDERT WILLEM CORNELIS, NL
[72] KIEFFER, EDUARD PHILIP, NL
[71] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL
[85] 2017-06-22
[86] 2015-12-30 (PCT/EP2015/081437)
[87] (WO2016/107912)
[30] EP (14200750.9) 2014-12-31
[30] EP (15150175.6) 2015-01-06

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[13] A1
[51] **Int.Cl. A61K 9/00 (2006.01) A61K 9/107 (2006.01) A61K 47/34 (2017.01) A61K 49/00 (2006.01) C08G 77/452 (2006.01) C08L 83/10 (2006.01)**
[25] EN
[54] **AMPHIPHILIC POLYMER SYSTEMS**
[54] **SYSTEMES POLYMERES AMPHIPHILES**
[72] HUNZIKER, PATRICK, CH
[72] LIU, KEGANG, CH
[71] UNIVERSITATSSPITAL BASEL, CH
[85] 2017-06-22
[86] 2015-12-23 (PCT/EP2015/081154)
[87] (WO2016/102663)
[30] EP (14199975.5) 2014-12-23

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[13] A1
[51] **Int.Cl. B01D 65/10 (2006.01) B01D 65/02 (2006.01) C11D 3/386 (2006.01)**
[25] FR
[54] **METHOD FOR IDENTIFYING THE TYPE OF CLOGGING IN A MEMBRANE FILTRATION APPARATUS**
[54] **PROCEDE D'IDENTIFICATION DE LA NATURE DE COLMATAGES PRESENTS DANS UNE INSTALLATION DE FILTRATION MEMBRANAIRE**
[72] BLACKMAN, GORDON, BE
[72] FASTREZ, SEBASTIEN, BE
[71] REALCO S.A., BE
[85] 2017-06-22
[86] 2015-12-29 (PCT/EP2015/081314)
[87] (WO2016/107855)
[30] BE (BE2014/5166) 2014-12-31
[30] BE (BE2015/5200) 2015-03-31

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[13] A1
[51] **Int.Cl. B60L 9/28 (2006.01) B60L 11/18 (2006.01) E21B 7/02 (2006.01) H02J 3/18 (2006.01) H02K 17/30 (2006.01) H02P 1/32 (2006.01)**
[25] EN
[54] **MINING VEHICLE AND METHOD FOR ITS ENERGY SUPPLY**
[54] **VEHICULE SERVANT A DES FINS D'EXPLOITATION MINIERE ET PROCEDE POUR SON ALIMENTATION EN ENERGIE**
[72] TIIHONEN, TOMMI, FI
[71] SANDVIK MINING AND CONSTRUCTION OY, FI
[85] 2017-06-22
[86] 2015-12-18 (PCT/EP2015/080542)
[87] (WO2016/102380)
[30] EP (14199561.3) 2014-12-22

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[13] A1
[51] **Int.Cl. B29C 70/52 (2006.01)**
[25] EN
[54] **METHOD FOR THE CONTINUOUS PRODUCTION OF A COMPOSITE MATERIAL PROFILE SECTION FROM THERMOPLASTIC POLYMER HAVING HIGH FLUIDITY**
[54] **PROCEDE DE FABRICATION CONTINU D'UN PROFILE EN MATERIAU COMPOSITE A BASE DE POLYMERE THERMOPLASTIQUE A HAUTE FLUIDITE**
[72] ORANGE, GILLES, FR
[72] TUPINIER, DIDIER, FR
[72] PAPIN, PHILIPPE, FR
[72] AUBRY, MICKAEL, FR
[72] LEBRUN, JEAN-MICHEL, FR
[72] COMAS-CARDONA, SEBASTIEN, FR
[71] RHODIA OPERATIONS, FR
[71] CENTRE TECHNIQUE DES INDUSTRIES MECANIQUES (CETIM), FR
[85] 2017-06-22
[86] 2015-12-21 (PCT/EP2015/080785)
[87] (WO2016/102460)
[30] FR (1463113) 2014-12-22

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[51] **Int.Cl. G02B 27/22 (2006.01) H04N 13/04 (2006.01)**
[25] EN
[54] **AUTOSTEREOSCOPIC DISPLAY DEVICE**
[54] **DISPOSITIF D'AFFICHAGE AUTO-STEREOSCOPIQUE**
[72] VDOVIN, OLEXANDR VALENTYNOVYCH, NL
[72] KROON, BART, NL
[72] JOHNSON, MARK THOMAS, NL
[72] VAN PUTTEN, EIBERT GERJAN, NL
[71] KONINKLIJKE PHILIPS N.V., NL
[85] 2017-06-22
[86] 2015-12-21 (PCT/EP2015/080839)
[87] (WO2016/102495)
[30] EP (14200331.8) 2014-12-24

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[13] A1
[51] **Int.Cl. C07K 14/525 (2006.01) C07K 14/52 (2006.01)**
[25] EN
[54] **CYTOKINE FUSION PROTEINS**
[54] **PROTEINES DE FUSION DES CYTOKINES**
[72] SAHIN, UGUR, DE
[72] GIESEKE, FRIEDERIKE, DE
[72] BACKER, RONALD, DE
[72] KREITER, SEBASTIAN, DE
[72] KONTERMANN, ROLAND, DE
[72] PFIZENMAIER, KLAUS, DE
[72] FELLERMAIER, SINA, DE
[72] MULLER, DAFNE, DE
[71] BIONTECH RNA PHARMACEUTICALS GMBH, DE
[71] UNIVERSITAT STUTTGART, DE
[71] TRON-TRANSLATIONALE ONKOLOGIE AN DER UNIVERSITATSMEDIZIN DER JOHANNES GUTENBERG-UNIVERSITAT MAINZ GGMBH, DE
[85] 2017-06-22
[86] 2016-01-15 (PCT/EP2016/050773)
[87] (WO2016/113395)
[30] EP (PCT/EP2015/050682) 2015-01-15

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[13] A1
[51] **Int.Cl. E04B 2/74 (2006.01) E04B 2/82 (2006.01)**
[25] EN
[54] **JOINT-SEALING ELEMENT AND SEALING ASSEMBLY COMPRISING SUCH A JOINT-SEALING ELEMENT**
[54] **ELEMENT D'ETANCHEITE DE JOINTURE ET DISPOSITIF D'ETANCHEITE COMPRENANT UN ELEMENT D'ETANCHEITE DE JOINTURE DE CE TYPE**
[72] GROSSE, BERND, AT
[72] FORG, CHRISTIAN, DE
[71] HILTI AKTIENGESELLSCHAFT, LI
[85] 2017-06-22
[86] 2016-02-05 (PCT/EP2016/052448)
[87] (WO2016/128300)
[30] EP (15155102.5) 2015-02-13

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[51] **Int.Cl. E04B 1/68 (2006.01) E04B 1/82 (2006.01) E04B 2/74 (2006.01) E04B 2/82 (2006.01)**
[25] EN
[54] **JOINT-SEALING TAPE AND SEALING ASSEMBLY HAVING SUCH SEALING TAPE**
[54] **BANDE D'ETANCHEITE DE JOINTS ET SYSTEME D'ETANCHEITE MUNI DE LADITE BANDE D'ETANCHEITE**
[72] KOGLER, MARKUS, DE
[72] GROSSE, BERND, AT
[72] KLEIN, MANFRED, DE
[72] FORG, CHRISTIAN, DE
[71] HILTI AKTIENGESELLSCHAFT, LI
[85] 2017-06-22
[86] 2016-02-12 (PCT/EP2016/052981)
[87] (WO2016/128536)
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[51] **Int.Cl. E04B 2/74 (2006.01) E04B 2/82 (2006.01)**
[25] EN
[54] **JOINT-SEALING TAPE AND SEALING ASSEMBLY HAVING SUCH A SEALING TAPE**
[54] **BANDE D'ETANCHEITE DE JOINTURE ET DISPOSITIF D'ETANCHEITE COMPRENANT UNE BANDE D'ETANCHEITE DE JOINTURE DE CE TYPE**
[72] KLEIN, MANFRED, DE
[72] FORG, CHRISTIAN, DE
[71] HILTI AKTIENGESELLSCHAFT, LI
[85] 2017-06-22
[86] 2016-02-12 (PCT/EP2016/052985)
[87] (WO2016/128539)
[30] EP (15155100.9) 2015-02-13

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[13] A1
[51] **Int.Cl. H05B 3/00 (2006.01) B21D 5/08 (2006.01)**
[25] EN
[54] **INLINE RESISTIVE HEATING SYSTEM AND METHOD FOR THERMAL TREATMENT OF CONTINUOUS CONDUCTIVE PRODUCTS**
[54] **SYSTEME DE CHAUFFAGE RESISTIF EN LIGNE ET PROCEDE DE TRAITEMENT THERMIQUE DE PRODUITS CONDUCTEURS CONTINUS**
[72] TECCO, DORIVAL GONCALVES, US
[71] ILLINOIS TOOL WORKS INC., US
[85] 2017-06-22
[86] 2015-01-09 (PCT/US2015/010919)
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[13] A1
[51] **Int.Cl. G21G 1/02 (2006.01)**
[25] EN
[54] **RADIONUCLIDE GENERATION SYSTEM**
[54] **SYSTEME DE GENERATION DE RADIONUCLEIDES**
[72] RICHTER, THOMAS FABIAN, DE
[72] WISTUBA, LOTHAR, DE
[72] ARNDT, OLIVER, DE
[72] JAAFAR, LEILA, DE
[72] STOLL, UWE, DE
[71] AREVA GMBH, DE
[85] 2017-06-23
[86] 2015-02-09 (PCT/EP2015/052646)
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[13] A1
[51] **Int.Cl. A61K 38/04 (2006.01) A61P 35/00 (2006.01) C07K 7/00 (2006.01) C07K 7/06 (2006.01) C07K 7/08 (2006.01)**
[25] EN
[54] **NOVEL PEPTIDES AND COMBINATION OF PEPTIDES FOR USE IN IMMUNOTHERAPY AGAINST HEPATOCELLULAR CARCINOMA (HCC) AND OTHER CANCERS**
[54] **NOUVEAUX PEPTIDES ET COMBINAISONS DE PEPTIDES POUR UNE UTILISATION EN IMMUNOTHERAPIE CONTRE LE CARCINOME HEPATOCELLULAIRE (CHC) ET AUTRES CANCERS**
[72] WEINSCHENK, TONI, DE
[72] MAHR, ANDREA, DE
[72] FRITSCHE, JENS, DE
[72] MULLER, PHILLIP, DE
[72] WIEBE, ANITA, DE
[72] KUTSCHER, SARAH, DE
[71] IMMATICS BIOTECHNOLOGIES GMBH, DE
[85] 2017-06-23
[86] 2015-12-16 (PCT/EP2015/080018)
[87] (WO2016/102272)
[30] GB (1423016.3) 2014-12-23
[30] US (62/096,165) 2014-12-23
[30] GB (1501017.6) 2015-01-21

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[13] A1
[51] **Int.Cl. A61K 38/18 (2006.01) C07K 14/50 (2006.01)**
[25] EN
[54] **FGF21 DERIVATIVES AND USES THEREOF**
[54] **DERIVES DE FGF21 ET UTILISATIONS DE CEUX-CI**
[72] WIECZOREK, BIRGIT, DK
[72] TAGMOSE, TINA MOLLER, DK
[72] SASS-ORUM, KRISTIAN, DK
[72] ANDERSEN, BIRGITTE, DK
[72] OLSEN, JORGEN, DK
[71] NOVO NORDISK A/S, DK
[85] 2017-06-23
[86] 2015-12-22 (PCT/EP2015/080969)
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[30] EP (14199935.9) 2014-12-23

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[13] A1
[51] **Int.Cl. B29B 15/12 (2006.01)**
[25] EN
[54] **PROCESS AND DEVICE FOR THE PRODUCTION OF A FIBER-COMPOSITE MATERIAL**
[54] **PROCEDE ET DISPOSITIF DE PRODUCTION D'UN MATERIAU COMPOSITE FIBREUX**
[72] BERLIN, MARK REINHARD, DE
[72] SONDERMANN, UDO, DE
[71] EVONIK DEGUSSA GMBH, DE
[85] 2017-06-23
[86] 2015-12-23 (PCT/EP2015/081171)
[87] (WO2016/107808)
[30] EP (14200411.8) 2014-12-29

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[13] A1
[51] **Int.Cl. B65D 35/56 (2006.01)**
[25] FR
[54] **RIGID SHELL FOR A COMPRESSIBLE TUBE**
[54] **ENVELOPPE RIGIDE POUR TUBE COMPRESSIBLE**
[72] COURTIN, KARINE, FR
[71] COURTIN, KARINE, FR
[85] 2017-06-23
[86] 2015-12-28 (PCT/EP2015/081276)
[87] (WO2016/107839)
[30] FR (14 63501) 2014-12-31

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[13] A1
[51] **Int.Cl. H04L 12/40 (2006.01) F03D 7/04 (2006.01) H02J 3/38 (2006.01) H04L 12/46 (2006.01)**
[25] EN
[54] **WIND TURBINE, WIND TURBINE COMMUNICATION SYSTEM, AND METHOD FOR OPERATING A BUS SYSTEM**
[54] **EOLIENNE, SYSTEME DE COMMUNICATION D'UNE EOLIENNE ET PROCEDE PERMETTANT DE FAIRE FONCTIONNER UN SYSTEME DE BUS**
[72] FISCHER, STEFFEN, DE
[72] RICHTER, STEFAN, DE
[71] WOBBEN PROPERTIES GMBH, DE
[85] 2017-06-23
[86] 2016-01-21 (PCT/EP2016/051212)
[87] (WO2016/116553)
[30] DE (102015201019.8) 2015-01-22

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[13] A1
[51] **Int.Cl. E04B 2/74 (2006.01) E04B 2/82 (2006.01)**
[25] EN
[54] **JOINT-SEALING TAPE HAVING PREDETERMINED GEOMETRY AND SEALING ASSEMBLY HAVING SUCH A JOINT-SEALING TAPE**
[54] **BANDE D'ETANCHEITE DE JOINTURE A GEOMETRIE PREDETERMINEE ET DISPOSITIF D'ETANCHEITE COMPRENANT UNE BANDE D'ETANCHEITE DE JOINTURE DE CE TYPE**
[72] KLEIN, MANFRED, DE
[72] FORG, CHRISTIAN, DE
[72] KOGLER, MARKUS, DE
[72] PAETOW, MARIO, DE
[71] HILTI AKTIENGESELLSCHAFT, LI
[85] 2017-06-23
[86] 2016-02-05 (PCT/EP2016/052461)
[87] (WO2016/128304)
[30] EP (15155102.5) 2015-02-13

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[13] A1
[51] **Int.Cl. C07D 403/12 (2006.01) A61K 31/55 (2006.01) A61P 35/00 (2006.01) C07D 223/16 (2006.01)**
[25] EN
[54] **BENZAZEPINE DICARBOXAMIDE COMPOUNDS**
[54] **COMPOSES BENZAZEPINE DICARBOXAMIDE**
[72] HOVES, SABINE, DE
[72] WANG, LISHA, CH
[72] YUN, HONGYING, CN
[72] ZHANG, WEIXING, CN
[72] ZHU, WEI, CN
[71] F. HOFFMANN-LA ROCHE AG, CH
[85] 2017-06-23
[86] 2016-03-03 (PCT/EP2016/054487)
[87] (WO2016/142250)
[30] CN (PCT/CN2015/073775) 2015-03-06
[30] CN (PCT/CN2015/096404) 2015-12-04

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[13] A1
[51] **Int.Cl. E04B 2/74 (2006.01) E04B 2/82 (2006.01)**
[25] EN
[54] **JOINT-SEALING TAPE HAVING PREDETERMINED GEOMETRY AND SEALING ASSEMBLY HAVING SUCH A JOINT-SEALING TAPE**
[54] **BANDE D'ETANCHEITE DE JOINTURE A GEOMETRIE PREDETERMINEE ET DISPOSITIF D'ETANCHEITE COMPRENANT UNE BANDE D'ETANCHEITE DE JOINTURE DE CE TYPE**
[72] KLEIN, MANFRED, DE
[72] FORG, CHRISTIAN, DE
[72] KOGLER, MARKUS, DE
[72] PAETOW, MARIO, DE
[71] HILTI AKTIENGESELLSCHAFT, LI
[85] 2017-06-23
[86] 2016-02-05 (PCT/EP2016/052464)
[87] (WO2016/128306)
[30] EP (15155103.3) 2015-02-13

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[13] A1
[51] **Int.Cl. B01J 8/02 (2006.01) B01J 8/00 (2006.01)**
[25] EN
[54] **METHOD FOR REALIZING INTERNAL WALLS OF CATALYTIC REACTORS**
[54] **PROCEDE DE REALISATION DE PAROIS INTERNES DE REACTEURS CATALYTIQUES**
[72] RIZZI, ENRICO, IT
[71] CASALE SA, CH
[85] 2017-06-22
[86] 2015-11-25 (PCT/EP2015/077599)
[87] (WO2016/102135)
[30] EP (14199991.2) 2014-12-23

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[13] A1
[51] **Int.Cl. A61B 5/00 (2006.01) G06Q 50/22 (2012.01) A61B 5/0205 (2006.01) A61B 5/05 (2006.01) A61B 5/053 (2006.01) A61B 5/11 (2006.01) G06F 19/00 (2011.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR THE MEASUREMENT OF AUTONOMIC FUNCTION FOR THE DIAGNOSIS AND VALIDATION OF PATIENT TREATMENTS AND OUTCOMES**
[54] **PROCEDE ET APPAREIL POUR LA MESURE DE FONCTION AUTONOME POUR LE DIAGNOSTIC ET LA VALIDATION DE TRAITEMENTS ET DE RESULTATS DE PATIENT**
[72] DULLEN, DEBORAH, US
[71] DULLEN, DEBORAH, US
[85] 2017-06-23
[86] 2016-01-10 (PCT/US2016/012774)
[87] (WO2016/112373)
[30] US (62/101,992) 2015-01-10

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[13] A1
[51] **Int.Cl. H04S 1/00 (2006.01) H04S 3/00 (2006.01)**
[25] EN
[54] **AN AUDIO SIGNAL PROCESSING APPARATUS AND METHOD FOR FILTERING AN AUDIO SIGNAL**
[54] **APPAREIL DE TRAITEMENT DE SIGNAL AUDIO ET PROCEDE DE FILTRAGE DE SIGNAL AUDIO**
[72] LACOUTURE PARODI, YESENIA, DE
[71] HUAWEI TECHNOLOGIES CO., LTD., CN
[85] 2017-06-27
[86] 2015-02-18 (PCT/EP2015/053351)
[87] (WO2016/131479)

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[13] A1
[51] **Int.Cl. A47K 17/02 (2006.01) A47K 3/022 (2006.01) A47K 3/20 (2006.01) A61G 7/10 (2006.01)**
[25] EN
[54] **CONTROL SYSTEM FOR A BATHING AID, BATHING SYSTEM AND METHOD**
[54] **SYSTEME DE COMMANDE POUR AIDE AU BAIN, SYSTEME ET PROCEDE DE BAIGNADE**
[72] RYBERG, THOMAS, SE
[71] ROBOTICS CARE AB, SE
[85] 2017-06-27
[86] 2015-11-27 (PCT/EP2015/077933)
[87] (WO2016/107711)
[30] EP (14200398.7) 2014-12-29

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[13] A1
[51] **Int.Cl. G01N 33/68 (2006.01)**
[25] EN
[54] **METHOD FOR THE ABSOLUTE QUANTIFICATION OF NATURALLY PROCESSED HLA-RESTRICTED CANCER PEPTIDES**
[54] **PROCEDE PERMETTANT LA QUANTIFICATION ABSOLUE DES PEPTIDES CONTRE LE CANCER RESTREINTS AUX MOLECULES HLA TRAITES NATURELLEMENT**
[72] WEINSCHENK, TONI, DE
[72] LEIBOLD, JULIA, DE
[71] IMMATICS BIOTECHNOLOGIES GMBH, DE
[85] 2017-06-27
[86] 2015-12-15 (PCT/EP2015/079873)
[87] (WO2016/107740)
[30] GB (1423361.3) 2014-12-30
[30] US (62/097,994) 2014-12-30

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[13] A1
[51] **Int.Cl. A61F 13/534 (2006.01) A61F 13/84 (2006.01) A61L 15/28 (2006.01) A61L 15/46 (2006.01)**
[25] EN
[54] **ABSORBENT STRUCTURE AND ABSORBENT ARTICLE CONTAINING SAID ABSORBENT STRUCTURE**
[54] **STRUCTURE ABSORBANTE ET ARTICLE ABSORBANT CONTENANT CETTE STRUCTURE ABSORBANTE**
[72] EBERT, ANSELM, DE
[72] EILERS, JORG, DE
[72] LUTTER, STEFANIE, DE
[72] ROTTGER, HENNING, DE
[71] PAUL HARTMANN AG, DE
[71] GLATFELTER FALKENHAGEN GMBH, DE
[85] 2017-06-27
[86] 2015-12-21 (PCT/EP2015/080708)
[87] (WO2016/107772)
[30] EP (14200368.0) 2014-12-29

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[13] A1
[51] **Int.Cl. C12M 3/00 (2006.01) C12M 1/00 (2006.01) C12M 1/26 (2006.01) C12M 1/33 (2006.01) C12M 1/42 (2006.01)**
[25] EN
[54] **DEVICE FOR THE ELECTRICAL DISINTEGRATION OF CELL STRUCTURES AND INSTALLATION AND USE OF THE DEVICE FOR PRODUCING FEED INTERMEDIATES AND FEED PRODUCTS**
[54] **DISPOSITIF POUR LA DESINTEGRATION ELECTRIQUE D'AMAS CELLULAIRES, INSTALLATION ET UTILISATION DU DISPOSITIF POUR LA FABRICATION DE PRODUITS INTERMEDIAIRES ALIMENTAIRES POUR ANIMAUXET PRODUITS ALIMENTAIRES POUR ANIMAUX**
[72] HOLLAH, CLEMENS, DE
[72] KRAMPE, PAUL, DE
[72] FASTENAU, ANDREAS, DE
[71] HUGO VOGELSANG MASCHINENBAU GMBH, DE
[85] 2017-06-27
[86] 2016-01-15 (PCT/EP2016/050724)
[87] (WO2016/116357)
[30] DE (20 2015 000 482.2) 2015-01-21

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[13] A1
[51] **Int.Cl. B01L 3/00 (2006.01) B01L 7/04 (2010.01) G01N 1/30 (2006.01) G01N 1/31 (2006.01)**
[25] EN
[54] **TRANSPORTER SYSTEMS, ASSEMBLIES AND ASSOCIATED METHODS FOR TRANSPORTING TISSUE SAMPLES**
[54] **SYSTEMES TRANSPORTEURS, ENSEMBLES ET PROCEDES ASSOCIES POUR LE TRANSPORT D'ECHANTILLONS DE TISSU**
[72] CRUM, NATHAN, US
[72] KELLER, TIMOTHY, US
[72] LAING, ALASTAIR, US
[72] OTTER, MICHAEL, US
[72] PETRE, VINNIE, US
[72] PIGMAN, ELIZABETH, US
[72] SHINGLER, TAYLOR, US
[72] STACEY, STANISLAW, US
[72] STEVENS, BENJAMIN, US
[71] VENTANA MEDICAL SYSTEMS, INC., US
[85] 2017-06-27
[86] 2016-01-26 (PCT/EP2016/051489)
[87] (WO2016/120224)
[30] US (62/107,874) 2015-01-26
[30] US (62/108,184) 2015-01-27

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[13] A1
[51] **Int.Cl. A61K 45/06 (2006.01) A61K 31/198 (2006.01) A61K 31/395 (2006.01) A61K 31/496 (2006.01) A61K 31/4995 (2006.01) A61P 11/00 (2006.01)**
[25] EN
[54] **NEW COMPOSITIONS AND METHODS OF TREATING AND/OR PREVENTING CHRONIC OBSTRUCTIVE PULMONARY DISEASE**
[54] **NOUVELLES COMPOSITIONS ET METHODES DE TRAITEMENT ET/OU DE PREVENTION DE LA MALADIE PULMONAIRE OBSTRUCTIVE CHRONIQUE**
[72] BERGER, PATRICK, FR
[72] DUPIN, ISABELLE, FR
[72] GIRODET, PIERRE-OLIVIER, FR
[71] UNIVERSITE DE BORDEAUX, FR
[71] INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE-INSERM, FR
[71] CENTRE HOSPITALIER DE BORDEAUX, FR
[85] 2017-06-27
[86] 2016-01-28 (PCT/EP2016/051771)
[87] (WO2016/120369)
[30] EP (EP15152886.6) 2015-01-28

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[13] A1
[51] **Int.Cl. A61K 31/5685 (2006.01) A61P 1/04 (2006.01) A61P 3/04 (2006.01) A61P 9/00 (2006.01) A61P 9/10 (2006.01) A61P 9/12 (2006.01) A61P 17/02 (2006.01) A61P 19/02 (2006.01) A61P 27/02 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **C-19 STEROIDS FOR INHIBITING NEOVASCULARIZATION**
[54] **STEROIDES C-19 A UTILISER POUR INHIBER LA NEOVASCULARISATION**
[72] UNTEREGGER, GERHARD, DE
[71] CURADIS GMBH, DE
[85] 2017-06-27
[86] 2015-12-21 (PCT/EP2015/080762)
[87] (WO2016/107778)
[30] EP (14200543.8) 2014-12-30

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[13] A1
[51] **Int.Cl. G02B 6/34 (2006.01) G01N 15/14 (2006.01) G02B 6/12 (2006.01)**
[25] EN
[54] **DEVICE AND METHOD FOR PERFORMING LENS-FREE IMAGING**
[54] **DISPOSITIF ET PROCEDE PERMETTANT D'EFFECTUER UNE IMAGERIE SANS LENTILLES**
[72] VERCRUYSSE, DRIES, BE
[72] VAN DORPE, POL, BE
[72] ROTTENBERG, XAVIER, BE
[72] CLAES, TOM, BE
[72] STAHL, RICHARD, BE
[71] IMEC VZW, BE
[85] 2017-06-27
[86] 2015-12-28 (PCT/EP2015/081302)
[87] (WO2016/107849)
[30] EP (14200424.1) 2014-12-29

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[13] A1
[51] **Int.Cl. G02B 6/24 (2006.01) G02B 6/124 (2006.01) G01N 15/14 (2006.01) G02B 27/22 (2006.01)**
[25] EN
[54] **LIGHT COUPLER**
[54] **COUPLEUR DE LUMIERE**
[72] ROTTENBERG, XAVIER, BE
[72] CLAES, TOM, BE
[72] VERCRUYSSE, DRIES, BE
[71] IMEC VZW, BE
[85] 2017-06-27
[86] 2015-12-28 (PCT/EP2015/081304)
[87] (WO2016/107851)
[30] EP (14200427.4) 2014-12-29

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[13] A1
[51] **Int.Cl. E21B 10/38 (2006.01) E21B 10/46 (2006.01)**
[25] EN
[54] **DRILL BIT FOR IMPROVED TRANSPORT OF CUTTINGS**
[54] **TREPAN PERMETTANT UN MEILLEUR TRANSPORT DES DEBLAIS DE FORAGE**
[72] HEMPH, RASMUS, SE
[72] KRAFT, CONNY, SE
[71] SANDVIK INTELLECTUAL PROPERTY AB, SE
[85] 2017-06-27
[86] 2016-02-03 (PCT/EP2016/052278)
[87] (WO2016/131653)
[30] EP (15155777.4) 2015-02-19

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[25] EN
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[54] **DERIVES INDOLE UTILISES EN TANT QU'INHIBITEURS DE LA REPLICATION DU VIRUS DE LA DENGUE**
[72] KESTELEYN, BART RUDOLF ROMANIE, BE
[72] BONFANTI, JEAN-FRANCOIS, FR
[72] JONCKERS, TIM HUGO MARIA, BE
[72] RABOISSON, PIERRE JEAN-MARIE BERNARD, BE
[72] BARDIOT, DOROTHEE ALICE MARIE-EVE, BE
[72] MARCHAND, ARNAUD DIDIER M, BE
[71] JANSSEN PHARMACEUTICALS, INC., US
[71] KATHOLIEKE UNIVERSITEIT LEUVEN, BE
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[54] **METHOD FOR MONITORING A MACHINE TOOL**
[54] **PROCEDE DE SURVEILLANCE D'UNE MACHINE-OUTIL**
[72] BRINKHAUS, JAN, DE
[71] KOMET GROUP GMBH, DE
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[25] EN
[54] **SAFETY INTRAVENOUS CATHETER WITH FRICTION-BASED RETENTION AND DISABLING FEATURE**
[54] **CATHETER INTRAVEINEUX DE SECURITE A FONCTION DE RETENTION ET DE DESACTIVATION BASEE SUR LE FROTTEMENT**
[72] ISAACSON, S. RAY, US
[72] SHEVGOOR, SIDDARTH, US
[72] O'BRYAN, JEFF, US
[72] MA, YIPING, US
[71] BECTON, DICKINSON AND COMPANY, US
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[30] GB (1500012.8) 2015-01-02
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[51] **Int.Cl. G02C 7/10 (2006.01)**
[25] EN
[54] **MANAGEMENT SYSTEM AND METHOD OF AN ACTIVE DEVICE**
[54] **SYSTEME ET PROCEDE DE GESTION DE DISPOSITIF ACTIF**
[72] BARRAU, CORALIE, FR
[72] LAVILLONNIERE, NICOLAS, FR
[72] VILLETTE, THIERRY, FR
[72] ROUSSEAU, BENJAMIN, FR
[71] ESSILOR INTERNATIONAL (COMPAGNIE GENERALE D'OPTIQUE), FR
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[25] FR
[54] **NEW IMIDAZO[1,2-A]QUINOXALINES AND DERIVATES THEREOF FOR THE TREATMENT OF CANCER**
[54] **NOUVEAUX IMIDAZO[1,2-A]QUINOXALINES ET DERIVES POUR LE TRAITEMENT DES CANCERS**
[72] CUQ, PIERRE, FR
[72] DELEUZE-MASQUEFA, CARINE, FR
[72] BONNET, PIERRE-ANTOINE, FR
[72] PATINOTTE, CINDY, FR
[71] UNIVERSITE DE MONTPELLIER, FR
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (C.N.R.S.), FR
[71] AXLR, SATT DU LANGUEDOC ROUSSILLON, FR
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[25] EN
[54] **APPARATUS AND METHODS FOR TISSUE SAMPLING AND IDENTITY-TAG ATTACHMENT**
[54] **APPAREIL ET PROCEDES POUR ECHANTILLONNAGE DE TISSU ET FIXATION D'ETIQUETTE D'IDENTITE**
[72] BERNER, ALEXANDER, DE
[71] PRIONICS AG, CH
[85] 2017-06-28
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[25] EN
[54] **NEEDLE HUB AND IV CATHETER SYSTEM COMPRISING SUCH NEEDLE HUB**
[54] **PAVILLON D'AIGUILLE ET SYSTEME DE CATHETER IV COMPRENANT LEDIT PAVILLON D'AIGUILLE**
[72] HIVERT, MAGNUS, SE
[71] VIGMED AB, SE
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[54] **FOAMING DAIRY COMPOSITIONS**
[54] **COMPOSITIONS LAITIERES MOUSSANTES**
[72] QUEGUINER, CLAIRE, FR
[72] MERCKY, SEBASTIEN, FR
[72] RODRIGUEZ, ERIC, FR
[71] COMPAGNIE GERVAIS DANONE, FR
[85] 2017-06-28
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[25] EN
[54] **AZOLOBENZAZINE COMPOUNDS, COMPOSITIONS COMPRISING THESE COMPOUNDS AND THEIR USE FOR CONTROLLING INVERTEBRATE PESTS**
[54] **COMPOSES D'AZOLOBENZAZINE, COMPOSITIONS COMPRENANT CES COMPOSES ET LEUR UTILISATION AUX FINS DE LUTTE CONTRE LES INVERTEBRES NUISIBLES**
[72] NARINE, ARUN, DE
[72] SAMBASIVAN, SUNDERRAMAN, IN
[72] VALLINAYAGAM, RAMAKRISHNAN, IN
[72] SHINDE, HARISH, IN
[72] ADISECHAN, ASHOKKUMAR, IN
[71] BASF SE, DE
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[54] **CARGO TRANSPORTATION HOUSING COMPRISING A FLEXIBLE FAST DOOR**
[54] **ENCEINTE DE TRANSPORT DE CARGAISON COMPRENANT UNE PORTE RAPIDE SOUPLE**
[72] MILLER, ROB, US
[71] ASSA ABLOY ENTRANCE SYSTEMS AB, SE
[85] 2017-06-28
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[25] EN
[54] **IMPLANTS FOR SCULPTING, AUGMENTING OR CORRECTING FACIAL FEATURES SUCH AS THE CHIN**
[54] **IMPLANTS POUR SCULPER, AUGMENTER OU CORRIGER DES TRAITS FACIAUX TELS QUE LE MENTON**
[72] ROCA MARTINEZ, JEAN-XAVIER, FR
[72] AYGLON, AURORE, FR
[71] ALLERGAN INDUSTRIE, SAS, FR
[85] 2017-06-28
[86] 2016-02-12 (PCT/EP2016/053009)
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[30] FR (PCT/FR2015/050357) 2015-02-13
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[51] **Int.Cl. H04S 1/00 (2006.01)**
[25] EN
[54] **AN AUDIO SIGNAL PROCESSING APPARATUS AND METHOD FOR CROSSTALK REDUCTION OF AN AUDIO SIGNAL**
[54] **APPAREIL DE TRAITEMENT DE SIGNAL AUDIO ET PROCEDE DE REDUCTION DE LA DIAPHONIE D'UN SIGNAL AUDIO**
[72] LACOUTURE PARODI, YESENIA, DE
[71] HUAWEI TECHNOLOGIES CO., LTD., CN
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[54] **DISRUPTION OF ROCK1 GENE LEADS TO PLANTS WITH IMPROVED TRAITS**
[54] **L'INTERRUPTION DU GENE ROCK1 DONNE DES PLANTES PRESENTANT DES TRAITS AMELIORES**
[72] TOMAS, WERNER, DE
[72] SCHMULLING, THOMAS, DE
[72] NIEMANN, MICHAEL, DE
[71] TOMAS, WERNER, DE
[71] SCHMULLING, THOMAS, DE
[71] NIEMANN, MICHAEL, DE
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[51] **Int.Cl. E04F 10/02 (2006.01)**
[25] EN
[54] **LARGE-SIZED EXTERIOR AWNING DEVICE FOR HIGH-RISE BUILDING**
[54] **DISPOSITIF DE STORE EXTERIEUR DE GRANDE TAILLE POUR IMMEUBLE DE GRANDE HAUTEUR**
[72] CHUNG, KIYOUNG, KR
[71] CHUNG, KIYOUNG, KR
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[51] **Int.Cl. C07D 498/04 (2006.01) A61K 31/424 (2006.01) A61P 25/00 (2006.01)**
[25] EN
[54] **HETEROCYCLYLALKYNE DERIVATIVES AND THEIR USE AS MODULATORS OF MGLUR5 RECEPTORS**
[54] **DERIVES D'HETEROCYCLYLALKYNE ET LEUR UTILISATION EN TANT QUE MODULATEURS DES RECEPTEURS MGLUR5**
[72] RIVA, CARLO, IT
[72] ANGELICO, PATRIZIA, IT
[72] POGGESSI, ELENA, IT
[72] DE TOMA, CARLO, IT
[72] GRAZIANI, DAVIDE, IT
[71] RECORDATI IRELAND LIMITED, IE
[85] 2017-06-29
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[25] FR
[54] **STRUCTURE COMPRISING ELECTRICALLY SURFACE CONDUCTIVE LINES AND METHOD FOR MAKING ELECTRICALLY CONDUCTIVE LINES ON A SURFACE OF A STRUCTURE**
[54] **STRUCTURE COMPORTANT DES LIGNES ELECTRIQUEMENT CONDUCTRICES EN SURFACE ET PROCEDE POUR LA REALISATION DE LIGNES ELECTRIQUEMENT CONDUCTRICES SUR UNE FACE D'UNE STRUCTURE**
[72] DANTIN, BENOIT, FR
[72] LEMEILLE, PASCAL, FR
[71] MALLARD, FR
[71] AIRBUS GROUP SAS, FR
[85] 2017-06-29
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[25] EN
[54] **PRODUCTION OF SOFT CONFECTIONERY BY MEANS OF ADDITIVE PROCESS WITH A NOZZLE AND SOFT CONFECTIONERY OBTAINABLE THEREBY**
[54] **PRODUCTION D'UN BONBON MOU PAR UN PROCEDE ADDITIF A L'AIDE D'UN GICLEUR ET BONBON MOU AINSI OBTENU**
[72] AYDIN, BULENT, DE
[72] FASSIN, BASTIAN, DE
[72] OSSENBRINK, DIRK, DE
[71] KATJES FASSIN GMBH. + CO. KOMMANDITGESELLSCHAFT, DE
[85] 2017-06-29
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[87] (WO2016/113318)
[30] DE (10 2015 000 088.8) 2015-01-13
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[25] EN
[54] **DEVICE FOR GUIDING CHARGE CARRIERS AND USE THEREOF**
[54] **DISPOSITIF DE GUIDAGE DE SUPPORTS DE CHARGES ET LEUR UTILISATION**
[72] WEIDLICH, HELMUT, DE
[71] WEIDLICH, HELMUT, DE
[85] 2017-06-29
[86] 2016-01-11 (PCT/EP2016/025000)
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[51] **Int.Cl. A21D 2/26 (2006.01) A21D 8/04 (2006.01) C12N 9/10 (2006.01)**
[25] EN
[54] **METHOD TO IMPROVE SLICEABILITY OF BAKED GOODS**
[54] **PROCEDE POUR AMELIORER LA TRANCHABILITE DE PRODUITS DE BOULANGERIE-PATISSERIE**
[72] BELLIDO, GUILLERMO, CH
[72] SCHOENENBERG, SVEN, CH
[71] NOVOZYMES A/S, DK
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[86] 2016-01-15 (PCT/EP2016/050788)
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[51] **Int.Cl. G01N 1/30 (2006.01)**
[25] EN
[54] **METHODS FOR TISSUE SAMPLE FIXATION USING AN EXTENDED SOAK IN ALDEHYDE-BASED FIXATIVE SOLUTIONS**
[54] **PROCEDES POUR FIXATION D'ECHANTILLON DE TISSU A L'AIDE D'UN TREMPAGE PROLONGE DANS DES SOLUTIONS DE FIXATEUR A BASE D'ALDEHYDE**
[72] CHAFIN, DAVID, US
[72] OTTER, MICHAEL, US
[71] VENTANA MEDICAL SYSTEMS, INC., US
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[30] US (62/108,248) 2015-01-27

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[51] **Int.Cl. C07K 14/54 (2006.01) A61K 38/00 (2006.01) A61K 38/20 (2006.01)**
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[54] **IL-17A-BINDING POLYPEPTIDES**
[54] **POLYPEPTIDES DE LIAISON A L'IL-17A**
[72] FREJD, FREDRIK, SE
[72] FELDWISCH, JOACHIM, SE
[72] KLINT, SUSANNE, SE
[72] GUDMUNDSDOTTER, LINDVI, SE
[71] AFFIBODY AB, SE
[85] 2017-06-29
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[30] EP (15150786.0) 2015-01-12

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[51] **Int.Cl. C02F 1/68 (2006.01) C02F 1/66 (2006.01)**
[25] EN
[54] **PROCESS FOR MANUFACTURING A SOLUTION OF AN EARTH ALKALI HYDROGEN CARBONATE**
[54] **PROCEDE DE FABRICATION D'UNE SOLUTION D'UN CARBONATE D'HYDROGENE ALCALINO-TERREUX**
[72] NELSON, NICHOLAS CHARLES, CH
[71] OMYA INTERNATIONAL AG, CH
[85] 2017-06-29
[86] 2016-01-26 (PCT/EP2016/051510)
[87] (WO2016/120238)
[30] EP (15153130.8) 2015-01-29
[30] US (62/112,224) 2015-02-05

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[13] A1
[51] **Int.Cl. G01N 33/48 (2006.01) A61K 38/17 (2006.01) C07K 16/24 (2006.01)**
[25] EN
[54] **IL-18 BINDING PROTEIN (IL-18BP) AND ANTIBODIES IN INFLAMMATORY DISEASES**
[54] **PROTEINE DE LIAISON A L'IL-18 (IL-18 BP) ET ANTICORPS DANS DES MALADIES INFLAMMATOIRES**
[72] DEL VAL, GREG, CH
[72] SCHIFFRIN, EDUARDO, CH
[71] AB2 BIO SA, CH
[85] 2017-06-29
[86] 2016-03-03 (PCT/EP2016/054524)
[87] (WO2016/139297)
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[25] EN
[54] **SYSTEMS AND METHODS FOR APPLYING REDUCED PRESSURE THERAPY**
[54] **SYSTEMES ET PROCEDES POUR APPLIQUER UNE THERAPIE A PRESSION REDUITE**
[72] CARR, RAYMOND, US
[72] GREGORY, WILLIAM W., US
[72] QUINTANAR, FELIX C., GB
[71] SMITH & NEPHEW, INC., US
[85] 2017-06-28
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[51] **Int.Cl. A61M 27/00 (2006.01) A61M 1/00 (2006.01) A61F 13/00 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR APPLYING REDUCED PRESSURE THERAPY**
[54] **SYSTEMES ET PROCEDES POUR LA MISE EN OEUVRE D'UN TRAITEMENT A PRESSION REDUITE**
[72] BUSHKO, JUSTIN A., US
[72] JAECKLEIN, WILLIAM JOSEPH, US
[72] QUINTANAR, FELIX C., US
[72] ROUSEFF, CHRISTOPHER KARL WALTER, US
[71] SMITH & NEPHEW, INC., US
[85] 2017-06-28
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[87] (WO2016/109048)
[30] US (62/098,130) 2014-12-30
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[51] **Int.Cl. A61B 5/00 (2006.01) A61B 5/024 (2006.01) A61B 5/0295 (2006.01) G06K 9/00 (2006.01) G06T 7/00 (2017.01) G06T 7/20 (2017.01)**
[25] EN
[54] **CAMERA BASED PHOTOPLETHYSMOGRAM ESTIMATION**
[54] **ESTIMATION DE PHOTOPLETHYSMOGRAPHE BASEE SUR UNE CAMERA**
[72] VEERARAGHAVAN, ASHOK, US
[72] SABHARWAL, ASHUTOSH, US
[72] KUMAR, MAYANK, US
[71] WILLIAM MARSH RICE UNIVERSITY, US
[85] 2017-06-28
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[87] (WO2016/086127)
[30] US (62/084,319) 2014-11-25

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[51] **Int.Cl. A61M 5/20 (2006.01) A61D 7/00 (2006.01)**
[25] EN
[54] **AUTOMATIC INJECTION OF MEDICATION INTO ANIMALS**
[54] **INJECTION AUTOMATIQUE DE MEDICAMENT A DES ANIMAUX**
[72] VEYRENT, STEPHANE, FR
[72] FONTENY, ERWAN, FR
[72] MARS, JULIE, FR
[71] DESVAC, FR
[85] 2017-06-29
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[30] US (14/584,690) 2014-12-29

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[51] **Int.Cl. C07K 7/62 (2006.01) A61K 38/12 (2006.01) A61P 31/04 (2006.01)**
[25] EN
[54] **POLYMYXIN DERIVATIVE AND USES THEREOF**
[54] **DERIVE DE POLYXIMINE ET SES UTILISATIONS**
[72] VAARA, MARTTI, FI
[72] VAARA, TIMO, FI
[71] NORTHERN ANTIBIOTICS OY, FI
[85] 2017-06-29
[86] 2016-01-15 (PCT/FI2016/050016)
[87] (WO2016/113470)
[30] FI (20155027) 2015-01-15

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[13] A1
[51] **Int.Cl. E21B 34/02 (2006.01) E21B 23/01 (2006.01) E21B 33/03 (2006.01)**
[25] EN
[54] **BACK PRESSURE VALVE**
[54] **SOUPAPE DE CONTRE-PRESSION**
[72] COCKER, JOHN JOSEPH, III, US
[71] CAMERON INTERNATIONAL CORPORATION, US
[85] 2017-06-29
[86] 2015-12-08 (PCT/US2015/064560)
[87] (WO2016/109133)
[30] US (14/586,357) 2014-12-30

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[13] A1
[51] **Int.Cl. A61M 16/04 (2006.01) A61M 16/10 (2006.01)**
[25] EN
[54] **TRACHEOSTOMA DEVICE MAGNETIC ATTACHMENT AND APPARATUS**
[54] **APPAREIL ET ATTACHE MAGNETIQUE DE DISPOSITIF DE TRACHEOSTOMIE**
[72] BLOM, ERIC D., US
[71] FREUDENBERG MEDICAL, LLC, US
[85] 2017-06-29
[86] 2016-01-13 (PCT/US2016/013175)
[87] (WO2016/115211)
[30] US (62/103,849) 2015-01-15
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[51] **Int.Cl. A61B 17/062 (2006.01) A61B 17/04 (2006.01)**
[25] EN
[54] **LAPAROSCOPIC SUTURE DEVICE WITH IMPULSE DEPLOYMENT**
[54] **DISPOSITIF DE SUTURE LAPAROSCOPIQUE AVEC DEPLOIEMENT D'IMPULSION**
[72] HASAN, JAFAR S., US
[72] CHIN, WAI N., US
[72] ORRICO, JAMES, US
[72] SABAN, ADAM A., US
[72] KOBYLEWSKI, GARY M., US
[71] SURGIMATIX, INC., US
[85] 2017-06-29
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[51] **Int.Cl. A61K 38/16 (2006.01) C07K 14/315 (2006.01)**
[25] EN
[54] **NISIN-BASED COMPOUNDS AND USE THEREOF IN THE TREATMENT OF BACTERIAL INFECTIONS**
[54] **COMPOSES A BASE DE NISINE ET LEUR UTILISATION DANS LE TRAITEMENT D'INFECTIONS BACTERIENNES**
[72] MARTIN, NATHANIEL ISAAC, NL
[72] KOOPMANS, TIMO, NL
[72] WOOD, THOMAS MELVIN, NL
[72] KLEIJN, LAURENS HENRI JOHAN, NL
[71] UNIVERSITEIT UTRECHT HOLDING B.V., NL
[85] 2017-06-30
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[87] (WO2016/116379)
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[51] **Int.Cl. B04B 5/12 (2006.01) B04B 11/02 (2006.01) B04B 11/06 (2006.01)**
[25] EN
[54] **CENTRIFUGAL SEPARATOR FOR CLEANING GAS**
[54] **SEPARATEUR CENTRIFUGE DESTINE A NETTOYER UN GAZ**
[72] POGEN, MATS-ORJAN, SE
[71] ALFA LAVAL CORPORATE AB, SE
[85] 2017-06-30
[86] 2016-01-27 (PCT/EP2016/051673)
[87] (WO2016/124461)
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[25] EN
[54] **FIXATION MECHANISM FOR AN IMPLANT**
[54] **MECANISME DE FIXATION POUR UN IMPLANT**
[72] HARRIS, JR. BRIAN R., US
[71] WRIGHT MEDICAL TECHNOLOGY, INC., US
[85] 2017-06-29
[86] 2016-01-06 (PCT/US2016/012314)
[87] (WO2016/112092)
[30] US (62/100,695) 2015-01-07

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[13] A1
[51] **Int.Cl. E21B 17/042 (2006.01) E21B 17/043 (2006.01) F16L 15/04 (2006.01) F16L 15/06 (2006.01)**
[25] EN
[54] **PIPE COUPLING**
[54] **ACCOUPLEMENT DE TUBES**
[72] MCELLIGOTT, WILLIAM LUKE, GB
[72] THOMSON, NEIL PHILIP, GB
[71] MORPHPACKERS LTD., GB
[85] 2017-06-30
[86] 2016-01-04 (PCT/GB2016/050002)
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[30] GB (1500079.7) 2015-01-05

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[51] **Int.Cl. E04C 3/04 (2006.01) E04H 12/10 (2006.01)**
[25] EN
[54] **TRUSS ASSEMBLY WITH ALIGNMENT GUIDES**
[54] **ENSEMBLE FERME COMPORTANT DES GUIDES D'ALIGNEMENT**
[72] VAN CLEVE, DUSTIN A., US
[72] SONDGEROTH, THEODORE LEO, US
[72] SECORD, DENNIS C., US
[72] JACOB, CHRIS, US
[71] INTERSYSTEMS INTERNATIONAL INC., US
[85] 2017-06-29
[86] 2016-01-11 (PCT/US2016/012860)
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[51] **Int.Cl. B26D 1/29 (2006.01) A23N 15/00 (2006.01) B26D 1/12 (2006.01) B26D 3/26 (2006.01)**
[25] EN
[54] **CUTTING WHEELS AND KNIFE ASSEMBLIES THEREOF FOR CUTTING PRODUCTS**
[54] **ROULETTES COUPANTES ET ENSEMBLES COUTEAUX ASSOCIES POUR DECOUPER DES PRODUITS**
[72] MCCRACKEN, ANTHONY A., US
[72] JACKO, MICHAEL SCOT, US
[71] URSCHEL LABORATORIES, INC., US
[85] 2017-06-29
[86] 2016-04-06 (PCT/US2016/026101)
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[30] US (62/143,380) 2015-04-06
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[51] **Int.Cl. F17D 5/06 (2006.01)**
[25] EN
[54] **PIPE, PIPE ARRAY AND METHOD FOR THE MEASUREMENT OF THE THICKNESS OF A COATING OF A PIPELINE**
[54] **TUYAU, RESEAU DE TUYAUX ET METHODE DE MESURE D'EPAISSEUR D'UN REVETEMENT D'UN PIPELINE**
[72] MEENDERMANN, DIETER, DE
[71] ROSEN SWISS AG, CH
[85] 2017-07-04
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[30] DE (10 2015 100 065.2) 2015-01-06

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[51] **Int.Cl. C12N 9/10 (2006.01)**
[25] EN
[54] **O-GLYCAN SIALYLATED RECOMBINANT GLYCOPROTEINS AND CELL LINES FOR PRODUCING THE SAME**
[54] **GLYCOPROTEINES RECOMBINEES SIALYLEES AU NIVEAU DE L'OXYGENE D'UN GLYCANE ET LIGNEES CELLULAIRES PERMETTANT DE PRODUIRE CELLES-CI**
[72] WISSING, SILKE, DE
[72] WOLFEL, JENS, DE
[72] FAUST, NICOLE, DE
[71] CEVEC PHARMACEUTICALS GMBH, DE
[85] 2017-07-04
[86] 2015-12-15 (PCT/EP2015/002521)
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[13] A1
[51] **Int.Cl. G01R 15/24 (2006.01)**
[25] EN
[54] **OPTOELECTRIC MEASURING DEVICE AND METHOD FOR MEASURING AN ELECTRICAL CURRENT**
[54] **DISPOSITIF DE MESURE OPTOELECTRIQUE ET PROCEDE DE MESURE D'UN COURANT ELECTRIQUE**
[72] HOFSTETTER, MICHAEL, DE
[72] ERGIN, DOMINIK, DE
[72] WILLSCH, MICHAEL, DE
[71] SIEMENS AKTIENGESELLSCHAFT, DE
[85] 2017-07-04
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[13] A1
[51] **Int.Cl. C01C 1/04 (2006.01) C01B 3/02 (2006.01) C01B 3/32 (2006.01)**
[25] EN
[54] **A PROCESS FOR THE SYNTHESIS OF AMMONIA**
[54] **PROCEDE DE SYNTHESE DE L'AMMONIAC**
[72] OSTUNI, RAFFAELE, CH
[72] FILIPPI, ERMANNO, CH
[72] ROSSI, UMBERTO, IT
[71] CASALE SA, CH
[85] 2017-07-04
[86] 2016-01-11 (PCT/EP2016/050344)
[87] (WO2016/120045)
[30] EP (15152699.3) 2015-01-27

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[51] **Int.Cl. A61K 9/00 (2006.01) A61K 31/4709 (2006.01) A61K 31/58 (2006.01) A61P 11/08 (2006.01)**
[25] EN
[54] **PHARMACEUTICAL COMBINATION**
[54] **COMBINAISON PHARMACEUTIQUE**
[72] FISH, COLIN JOHN, GB
[71] GLAXOSMITHKLINE INTELLECTUAL PROPERTY DEVELOPMENT LIMITED, GB
[85] 2017-07-04
[86] 2016-01-11 (PCT/EP2016/050370)
[87] (WO2016/113216)
[30] GB (1500447.6) 2015-01-12

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[13] A1
[51] **Int.Cl. B65D 47/28 (2006.01)**
[25] EN
[54] **A DISPENSER**
[54] **DISTRIBUTEUR**
[72] SCOTT, KENNETH, GB
[72] LORD, CHRIS, GB
[72] JONES, DAVID, GB
[72] MCDONALD, STEPHEN, GB
[71] NERUDIA LTD, GB
[85] 2017-07-04
[86] 2015-12-14 (PCT/EP2015/079672)
[87] (WO2016/096772)
[30] GB (1422317.6) 2014-12-15
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[13] A1
[51] **Int.Cl. B09B 3/00 (2006.01) C08B 1/00 (2006.01) C12P 1/00 (2006.01)**
[25] EN
[54] **PROCESS FOR THE DECOMPOSITION OF BIOMASS-MATERIAL**
[54] **PROCEDE POUR LA DECOMPOSITION DE MATIERES DE BIOMASSE**
[72] HORTSCH, RALF, DE
[72] HOPPE, THOMAS, DE
[72] HUEHNLEIN, BJOERN, DE
[71] CLARIANT INTERNATIONAL LTD, CH
[85] 2017-07-04
[86] 2015-12-16 (PCT/EP2015/079986)
[87] (WO2016/113063)
[30] EP (15000112.1) 2015-01-16

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[51] **Int.Cl. A23L 5/00 (2016.01) A23L 11/00 (2016.01) A23L 13/50 (2016.01) A23L 13/60 (2016.01) A23L 15/00 (2016.01) A23L 17/00 (2016.01) A23L 19/00 (2016.01) A23L 19/12 (2016.01) A23L 33/00 (2016.01) A21D 13/00 (2017.01) A23J 3/26 (2006.01)**
[25] EN
[54] **FOOD AND/OR NUTRACEUTICAL PRODUCT OF THE SPONGE CAKE TYPE AND METHOD FOR OBTAINING SAME FROM FOOD**
[54] **PRODUIT NUTRACEUTIQUE ET/OU ALIMENTAIRE DU TYPE BISCUIT DE SAVOIE ET SON PROCEDE D'OBTENTION A PARTIR D'ALIMENTS**
[72] DESJARDINS-LAVISSE, ISABELLE, FR
[72] PAURD, OLIVIER, FR
[72] GILLET, GUILLAUME, FR
[71] NBREAD-PROCESS, FR
[85] 2017-07-04
[86] 2016-01-06 (PCT/EP2016/050137)
[87] (WO2016/110513)
[30] FR (1550075) 2015-01-06

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[51] **Int.Cl. C07D 417/14 (2006.01) A61K 31/427 (2006.01) A61P 37/00 (2006.01)**
[25] EN
[54] **HYDROXYALKYL-PIPERAZINE DERIVATIVES AS CXCR3 RECEPTOR MODULATORS**
[54] **DERIVES DE L'HYDROXYALKYL PIPERAZINE UTILISES COMME MODULATEURS DU RECEPTEUR CXCR3**
[72] CAROFF, EVA, CH
[72] MEYER, EMMANUEL, CH
[71] IDORSIA PHARMACEUTICALS LTD, CH
[85] 2017-07-04
[86] 2016-01-14 (PCT/EP2016/050645)
[87] (WO2016/113344)
[30] EP (PCT/EP2015/050696) 2015-01-15

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[13] A1
[51] **Int.Cl. C07D 417/14 (2006.01) A61K 31/427 (2006.01) A61P 29/00 (2006.01)**
[25] EN
[54] **(R)-2-METHYL-PIPERAZINE DERIVATIVES AS CXCR3 RECEPTOR MODULATORS**
[54] **DERIVES DE LA (R)-2-METHYL PIPERAZINE UTILISES COMME MODULATEURS DU RECEPTEUR CXCR3**
[72] CAROFF, EVA, CH
[72] MEYER, EMMANUEL, CH
[71] IDORSIA PHARMACEUTICALS LTD, CH
[85] 2017-07-04
[86] 2016-01-14 (PCT/EP2016/050659)
[87] (WO2016/113346)
[30] EP (PCT/EP2015/050691) 2015-01-15

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[25] EN
[54] **A METHOD OF ACTIVATING LACTIC ACID BACTERIA**
[54] **PROCEDE D'ACTIVATION DE BACTERIES D'ACIDE LACTIQUE**
[72] STROMBERG, STAFFAN, SE
[72] CONNOLLY, EAMONN, SE
[72] ROOS, STEFAN, SE
[71] INFANT BACTERIAL THERAPEUTICS AB, SE
[85] 2017-07-04
[86] 2016-01-14 (PCT/EP2016/050694)
[87] (WO2016/113363)
[30] US (62/103,201) 2015-01-14

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[13] A1
[51] **Int.Cl. A61K 35/747 (2015.01)**
[25] EN
[54] **LACTIC ACID BACTERIA AND THEIR USE FOR THE TREATMENT OF MASTITIS**
[54] **BACTERIES DE L'ACIDE LACTIQUE ET LEUR UTILISATION POUR LE TRAITEMENT DE LA MASTITE**
[72] MOLLSTAM, BO, SE
[72] CONNOLLY, EAMONN, SE
[71] BIOGAIA AB, SE
[85] 2017-07-04
[86] 2016-01-14 (PCT/EP2016/050699)
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[30] US (62/104,164) 2015-01-16

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[51] **Int.Cl. A61C 8/00 (2006.01) A61C 9/00 (2006.01)**
[25] EN
[54] **SCANNING BODY SYSTEM FOR DETERMINING A POSITIONING AND ORIENTATION OF A DENTAL IMPLANT**
[54] **SYSTEME DE CORPS DE BALAYAGE POUR DETERMINER UNE POSITION ET UNE ORIENTATION D'UN IMPLANT DENTAIRE**
[72] JAHN, DIRK, DE
[71] NT-TRADING GMBH & CO. KG, DE
[85] 2017-07-04
[86] 2016-01-15 (PCT/EP2016/050754)
[87] (WO2016/120097)
[30] DE (20 2015 000 801.1) 2015-01-26

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[51] **Int.Cl. A61K 47/44 (2017.01) A61K 9/48 (2006.01) A61K 36/9068 (2006.01)**
[25] EN
[54] **VEGETARIAN CAPSULES CONTAINING SUPERCRITICAL HERBAL EXTRACTS**
[54] **CAPSULES VEGETARIENNES CONTENANT DES EXTRAITS D'HERBES SUPERCRITIQUES**
[72] PINKNEY, SHEILA MOMANEY, US
[72] CAMMARN, STEPHEN RICHARD, US
[72] SIMS, JOSHUA RALPH, US
[71] NEW CHAPTER, INC., US
[85] 2017-07-04
[86] 2016-01-13 (PCT/US2016/013239)
[87] (WO2016/115244)
[30] US (62/102,609) 2015-01-13

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[13] A1
[51] **Int.Cl. G01N 33/564 (2006.01) G01N 33/574 (2006.01) G01N 33/68 (2006.01)**
[25] EN
[54] **PROCESSES FOR THE DIAGNOSIS, PROGNOSIS AND MONITORING OF THE PROGRESSION OF CHRONIC LYMPHOID LEUKAEMIA (CLL) AND/OR OF SYSTEMIC LUPUS ERYTHEMATOSUS (SLE) USING MEMBRANE STIM 1**
[54] **METHODES DE DIAGNOSTIC, DE PRONOSTIC ET DE SUIVI DE L'EVOLUTION DE LA LEUCEMIE LYMPHOIDE CHRONIQUE (CLL) ET/OU DU LUPUS ERYTHEMATEUX DISSEMINE (SLE) AU MOYEN D'UNE MEMBRANE STIM 1**
[72] RENAUDINEAU, YVES, FR
[72] MIGNEN, OLIVIER, FR
[72] DEBANT, MARJOLAINE, FR
[72] LE DANTEC, CHRISTELLE, FR
[72] PERS, JACQUES OLIVIER, FR
[71] UNIVERSITE DE BRETAGNE OCCIDENTALE - UBO, FR
[71] INSERM, FR
[71] CENTRE HOSPITALIER REGIONAL ET UNIVERSITAIRE DE BREST, FR
[85] 2017-07-04
[86] 2016-02-26 (PCT/EP2016/054039)
[87] (WO2016/135273)
[30] EP (15156694.0) 2015-02-26

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[13] A1
[51] **Int.Cl. C07D 403/14 (2006.01) A61K 31/506 (2006.01) A61P 3/10 (2006.01)**
[25] EN
[54] **PYRAZOLE COMPOUNDS**
[54] **COMPOSES PYRAZOLE**
[72] HO, KOC KAN, US
[72] ZHAN, WEIQIANG, US
[72] ZHOU, JINGYE, US
[71] ELI LILLY AND COMPANY, US
[85] 2017-07-04
[86] 2016-02-11 (PCT/US2016/017466)
[87] (WO2016/133770)
[30] CN (PCT/CN2015/073236) 2015-02-18

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[13] A1
[51] **Int.Cl. E21B 47/18 (2012.01) E21B 47/20 (2012.01)**
[25] EN
[54] **MUD-PULSE TELEMETRY SYSTEM INCLUDING A PULSER FOR TRANSMITTING INFORMATION ALONG A DRILL STRING**
[54] **SYSTEME DE TELEMESURE PAR TRANSMISSION D'IMPULSIONS PAR LA BOUE COMPRENANT UN GENERATEUR D'IMPULSIONS POUR TRANSMETTRE DES INFORMATIONS LE LONG D'UN TRAIN DE TIGES DE FORAGE**
[72] PERRY, CARL ALLISON, US
[72] ROTHSTEIN, RICHARD MATTHEW, US
[71] APS TECHNOLOGY, INC., US
[85] 2017-07-04
[86] 2016-02-22 (PCT/US2016/018883)
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[30] US (14/628,902) 2015-02-23

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[13] A1
[51] **Int.Cl. A62C 3/07 (2006.01) A62C 99/00 (2010.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR PREVENTING AND/OR EXTINGUISHING A FIRE**
[54] **PROCEDE ET SYSTEME PERMETTANT DE PREVENIR ET/OU D'ETEINDRE UN INCENDIE**
[72] MULLER, MARKUS, CH
[72] STAHL, PETER, CH
[71] AMRONA AG, CH
[85] 2017-07-05
[86] 2015-10-21 (PCT/EP2015/074316)
[87] (WO2016/110340)
[30] EP (15150664.9) 2015-01-09

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[13] A1
[51] **Int.Cl. C07D 513/04 (2006.01) A61K 38/12 (2006.01) A61P 25/06 (2006.01) C07K 7/64 (2006.01)**
[25] EN
[54] **CGRP ANTAGONIST PEPTIDES**
[54] **PEPTIDES ANTAGONISTES DU CGRP**
[72] WISNIEWSKI, KAZIMIERZ, US
[72] JIANG, GUANGCHENG, US
[72] RABINOVICH, ALEKSANDR K., US
[72] SUEIRAS-DIAZ, JAVIER J., US
[71] FERRING B.V., NL
[85] 2017-07-05
[86] 2016-01-06 (PCT/EP2016/050110)
[87] (WO2016/110499)
[30] US (62/100,371) 2015-01-06

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[13] A1
[51] **Int.Cl. H02G 1/06 (2006.01)**
[25] EN
[54] **METHOD AND DEVICE FOR LAYING GAS-INSULATED TUBULAR CONDUCTORS**
[54] **PROCEDE ET DISPOSITIF PERMETTANT LA POSE DE CABLES A ISOLATION GAZEUSE**
[72] DEHLER, ANDREAS, DE
[72] EBNER, ANDREAS, DE
[72] IMAMOVIC, DENIS, DE
[72] MAGIER, TOMASZ, DE
[72] SCHEDL, STEFAN, DE
[71] SIEMENS AKTIENGESELLSCHAFT, DE
[85] 2017-07-05
[86] 2016-01-07 (PCT/EP2016/050181)
[87] (WO2016/120035)
[30] DE (10 2015 201 659.5) 2015-01-30

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[13] A1
[51] **Int.Cl. A61B 18/02 (2006.01) A61B 17/00 (2006.01)**
[25] EN
[54] **METHOD AND DEVICE FOR COSMETICALLY TREATING DARK SPOTS ON THE SKIN BY MEANS OF CRYO-CYTO-SELECTIVE CRYOGENICS**
[54] **PROCEDE ET DISPOSITIF POUR LE TRAITEMENT COSMETIQUE DES TACHES BRUNES CUTANEES PAR CRYOGENIE CRYO-CYTO-SELECTIVE**
[72] MARIN, DENIS, FR
[72] PACITO, DOMINIQUE, FR
[71] CRYOBEAUTY, FR
[85] 2017-07-05
[86] 2016-01-13 (PCT/EP2016/050565)
[87] (WO2016/113305)
[30] EP (15305022.4) 2015-01-13

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[13] A1
[51] **Int.Cl. A61K 38/17 (2006.01) A61K 39/395 (2006.01) A61P 31/00 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **COMBINED PREPARATIONS FOR THE TREATMENT OF CANCER OR INFECTION**
[54] **PREPARATIONS COMBINEES POUR LE TRAITEMENT D'UN CANCER OU D'UNE INFECTION**
[72] TRIEBEL, FREDERIC, FR
[72] BRIGNONE, CHRYSTELLE, FR
[71] IMMUTEP S.A.S., FR
[85] 2017-07-05
[86] 2016-01-08 (PCT/EP2016/050321)
[87] (WO2016/110593)
[30] GB (1500374.2) 2015-01-09

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[13] A1
[51] **Int.Cl. H04W 80/02 (2009.01) H04W 88/16 (2009.01) H04L 29/08 (2006.01)**
[25] EN
[54] **BRIDGED LOCAL AREA NETWORK COMMUNICATION BETWEEN A DEVICE AND A CELLULAR ACCESS NETWORK NODE**
[54] **COMMUNICATION DE RESEAU LOCAL PONTE ENTRE UN DISPOSITIF ET UN NŒUD DE RESEAU D'ACCES CELLULAIRE**
[72] MCCANN, STEPHEN, GB
[72] LEPP, JAMES RANDOLPH WINTER, CA
[72] MONTEMURRO, MICHAEL PETER, CA
[71] BLACKBERRY LIMITED, CA
[85] 2017-07-05
[86] 2016-03-01 (PCT/EP2016/054316)
[87] (WO2016/139201)
[30] US (14/639,796) 2015-03-05

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[13] A1
[51] **Int.Cl. B01D 53/14 (2006.01) C07C 7/11 (2006.01)**
[25] EN
[54] **PROCESS AND PLANT FOR THE PURIFICATION OF RAW SYNTHESIS GAS**
[54] **PROCEDE ET INSTALLATION POUR LA PURIFICATION DE GAZ DE SYNTHESE BRUT**
[72] MEYER, MANFRED, DE
[71] L'AIR LIQUIDE-SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES GEORGES CLAUDE, FR
[85] 2017-07-06
[86] 2015-11-26 (PCT/EP2015/025092)
[87] (WO2016/091393)
[30] DE (10 2014 118 345.2) 2014-12-10

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[13] A1
[51] **Int.Cl. C07K 16/12 (2006.01)**
[25] EN
[54] **ANTIBODIES TARGETING A GALACTAN-BASED O-ANTIGEN OF K. PNEUMONIAE**
[54] **ANTICORPS CIBLANT UN ANTIGENE O DE K. PNEUMONIAE A BASE DE GALACTANE**
[72] SZIJARTO, VALERIA, AT
[72] NAGY, GABOR, HU
[72] GUACHALLA, LUIS, AT
[72] VISRAM, ZEHRA, AT
[72] NAGY, ESZTER, AT
[72] LUKASIEWICZ, JOLANTA KATARZYNA, PL
[71] ARSANIS BIOSCIENCES GMBH, AT
[85] 2017-07-06
[86] 2015-11-03 (PCT/EP2015/075583)
[87] (WO2016/131503)
[30] EP (15155448.2) 2015-02-17

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[13] A1
[51] **Int.Cl. G01R 31/02 (2006.01) H02P 13/00 (2006.01)**
[25] EN
[54] **TRANSFORMER TESTING DEVICE, AND METHOD FOR TESTING A TRANSFORMER**
[54] **TESTEUR DE TRANSFORMATEUR ET PROCEDE DE TEST D'UN TRANSFORMATEUR**
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[72] PUTTER, MARKUS, AT
[71] OMICRON ELECTRONICS GMBH, AT
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[54] **ARTICLE DE GENERATION D'AEROSOL AVEC ELEMENT CHAUFFANT INTEGRE**
[72] RUSCIO, DANI, CH
[72] BATISTA, RUI NUNO, CH
[72] MIRONOV, OLEG, CH
[72] PLOJOUX, JULIEN, CH
[71] PHILIP MORRIS PRODUCTS S.A., CH
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[25] EN
[54] **COMPOSITION FOR USE IN INCREASING ENGRAFTMENT EFFICACY OF HAEMATOPOETIC STEM CELLS AFTER TRANSPLANTATION**
[54] **COMPOSITION POUR UNE UTILISATION DANS L'AUGMENTATION DE L'EFFICACITE DE LA PRISE DE GREFFE DE CELLULES SOUCHES HEMATOPOIETIQUES APRES UNE TRANSPLANTATION**
[72] FREISSMUTH, MICHAEL, AT
[72] ZEBEDIN-BRANDL, EVA-MARIA, AT
[72] KAZEMI, ZAHRA, AT
[71] SCIPHARM SARL, LU
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[54] **PROCESS FOR MANUFACTURE OF FORODESINE**
[54] **PROCEDE DE FABRICATION DE FORODESINE**
[72] BASS, FRANCIS, IE
[72] LYONS, RICHARD, IE
[72] REILLY, NICHOLAS, IE
[71] EURO-CELTIQUE S.A., LU
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[25] EN
[54] **UPRIGHT FOR A SHADING SYSTEM, REMOVABLE FLANGE OF THE UPRIGHT AND CORRESPONDING COUPLING MEANS**
[54] **MONTANT DESTINE A UN SYSTEME D'OMBRAGE, BRIDE AMOVIBLE DU MONTANT, ET MOYENS DE COUPLAGE CORRESPONDANTS**
[72] LOMBARDINI, MARCO, CH
[71] PLASTEX SA, CH
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[25] EN
[54] **PROBIOTIC AND PREBIOTIC COMPOSITIONS, AND METHODS OF USE THEREOF FOR MODULATION OF THE MICROBIOME**
[54] **COMPOSITIONS PROBIOTIQUES ET PREBIOTIQUES, ET LEURS PROCEDES D'UTILISATION POUR LA MODULATION DU MICROBIOME**
[72] RAHMAN, SHAILA, US
[72] BERRY, DAVID, US
[72] AFEYAN, NOUBAR B., US
[72] KAPLAN, JOHANNE, US
[71] EVELO BIOSCIENCES, INC., US
[85] 2017-07-06
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[30] US (62/117,639) 2015-02-18
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[25] EN
[54] **COSMETIC COMPOSITION FOR ORAL ADMINISTRATION FOR REINFORCING THE SKIN BARRIER**
[54] **COMPOSITION COSMETIQUE POUR ADMINISTRATION ORALE DESTINEE A RENFORCER LA BARRIERE CUTANEE**
[72] MAHE, YANN, FR
[72] BRU, CAROLE, FR
[71] NUTRICOS TECHNOLOGIES, FR
[85] 2017-07-07
[86] 2016-01-15 (PCT/EP2016/050794)
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[25] EN
[54] **COHERENT SINGLE LAYER HIGH STRENGTH SYNTHETIC POLYMER COMPOSITES FOR PROTHETIC VALVES**
[54] **COMPOSITES A POLYMERE SYNTHETIQUE DE HAUTE RESISTANCE EN COUCHE UNIQUE COHERENTE DESTINES A DES VALVULES PROTHETIQUES**
[72] BRUCHMAN, WILLIAM C., US
[72] FINNEY, BILL R., US
[72] GASSLER, PAUL D., US
[72] HARTMAN, CODY L., US
[72] WALSH, PETER J., US
[71] W.L. GORE & ASSOCIATES, INC., US
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[25] EN
[54] **PROCESS FOR PREPARING ETHYLENE GLYCOL FROM A CARBOHYDRATE**
[54] **PROCEDE DE PREPARATION D'ETHYLENE GLYCOL A PARTIR D'UN HYDRATE DE CARBONE**
[72] VAN DER WAAL, JAN CORNELIS, NL
[72] GRUTER, GERARDUS JOHANNES MARIA, NL
[71] AVANTIUM KNOWLEDGE CENTRE B.V., NL
[85] 2017-07-10
[86] 2016-01-13 (PCT/NL2016/050026)
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[25] EN
[54] **PROCESS FOR PREPARING ETHYLENE GLYCOL FROM A CARBOHYDRATE SOURCE**
[54] **PROCEDE DE PREPARATION D'ETHYLENE GLYCOL A PARTIR D'UNE SOURCE DE GLUCIDES**
[72] VAN DER WAAL, JAN CORNELIS, NL
[72] GRUTER, GERARDUS JOHANNES MARIA, NL
[72] RAS, ERIK-JAN, NL
[71] AVANTIUM KNOWLEDGE CENTRE B.V., NL
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[87] (WO2016/114659)
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[25] EN
[54] **DOWNHOLE COMMUNICATIONS USING SELECTABLE MODULATION TECHNIQUES**
[54] **COMMUNICATIONS DE FOND DE TROU UTILISANT DES TECHNIQUES DE MODULATION SELECTIONNABLES**
[72] ROBERSON, MARK W., US
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[25] EN
[54] **HEMODIALYSIS AND HEMOFILTRATION MEMBRANES BASED UPON A TWO-DIMENSIONAL MEMBRANE MATERIAL AND METHODS EMPLOYING SAME**
[54] **MEMBRANES D'HEMODIALYSE ET D'HEMOFILTRATION BASEES SUR UN MATERIAU MEMBRANAIRE BIDIMENSIONNEL ET PROCEDES EMPLOYANT CES DERNIERES**
[72] STETSON, JOHN B., JR., US
[72] SIMON, SARAH, US
[72] SWETT, JACOB L., US
[71] LOCKHEED MARTIN CORPORATION, US
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[25] EN
[54] **SEPARABLE THREADED CONNECTION WITH ASYMMETRIC COATING**
[54] **CONNEXION FILETEE SEPARABLE A REVETEMENT ASYMETRIQUE**
[72] SCHAFFER, MARKUS, AT
[72] WINKLER, PETER, AT
[72] LEITNER, REINHARD, AT
[72] SCHALKHAMMER, THOMAS, AT
[71] VOESTALPINE TUBULARS GMBH & CO KG, AT
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[54] **EXIT TRIM WITH SIMPLIFIED LEVER HANDING**
[54] **GARNITURE DE SORTIE A MANIEMENT DE POIGNEE SIMPLIFIE**
[72] LEHNER, JACK R., JR., US
[72] JANIK, JOSEPH, US
[71] SCHLAGE LOCK COMPANY LLC, US
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[25] EN
[54] **SYSTEM AND METHOD FOR SYNTHESIZING RAIL VEHICLE EVENT INFORMATION**
[54] **SYSTEME ET PROCEDE POUR LA SYNTHESE D'INFORMATION D'EVENEMENTS DE VEHICULE FERROVIAIRE**
[72] PALMER, JASON, US
[72] SLJIVAR, SLAVEN, US
[72] FREITAS, MARK, US
[72] DENINGER, DANIEL A., US
[72] RAVARI, SHAHRIAR, US
[71] SMARTDRIVE SYSTEMS, INC., US
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[25] EN
[54] **LUMBAR SUPPORT DEVICE**
[54] **DISPOSITIF DE SOUTIEN LOMBAIRE**
[72] HAYES, VICTOR, US
[71] VMH BRACING LLC, US
[85] 2017-07-11
[86] 2016-01-12 (PCT/US2016/012952)
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[54] **INJECTION DEVICE HAVING VARIABLE DOSING**
[54] **DISPOSITIF D'INJECTION A DOSAGE VARIABLE**
[72] SARKINEN, BRYAN JAMES, US
[72] TRAVANTY, MICHAEL, US
[72] MADSEN, PATRICK, US
[72] MORK, ANDREW CHARLES, US
[71] ANTARES PHARMA, INC., US
[85] 2017-07-11
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[54] **BLENDED CEMENTITIOUS MIXTURES**
[54] **MELANGES A BASE DE CIMENT MELANGE**
[72] FANG, PING, CA
[72] HOOTON, DOUGLAS, CA
[71] FANG, PING, CA
[71] HOOTON, DOUGLAS, CA
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[54] **CLE A CLIQUET AVEC MECANISME D'INDEXAGE FIN DE LA DOUILLE**
[72] OTTERSON, RANDY, CA
[71] OTTERSON, RANDY, CA
[85] 2017-07-12
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[51] **Int.Cl. A24F 47/00 (2006.01)**
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[54] **ATOMIZER, ELECTRONIC CIGARETTE AND REPLACEABLE LIQUID STORAGE DEVICE**
[54] **ATOMISEUR, CIGARETTE ELECTRONIQUE ET DISPOSITIF DE STOCKAGE DE LIQUIDE REPLACABLE**
[72] LI, YONGHAI, CN
[72] XU, ZHONGLI, CN
[72] DUAN, HONGXING, CN
[72] ZHANG, YANSHENG, CN
[71] PHILIP MORRIS PRODUCTS S.A, CH
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[25] EN
[54] **PROCESS FOR LEACHING METAL SULFIDES WITH REAGENTS HAVING THIOCARBONYL FUNCTIONAL GROUPS**
[54] **PROCEDE DE LIXIVIATION DE SULFURES METALLIQUES AU MOYEN DE REACTIFS POSSEDANT DES GROUPES FONCTIONNELS THIOCARBONYLE**
[72] DIXON, DAVID, CA
[72] OLVERA OLMEDO, OSCAR, CA
[72] ASSELIN, EDOUARD, CA
[72] GHAHREMANINEZHAD, AHMAD, CA
[72] REN, ZIHE, CA
[71] UNIVERSITY OF BRITISH COLUMBIA, CA
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[51] **Int.Cl. B66B 1/30 (2006.01) B65H 59/38 (2006.01) B66B 15/02 (2006.01) B66B 19/00 (2006.01) B66D 1/48 (2006.01)**
[25] EN
[54] **A METHOD OF CONTROLLING TRANSVERSAL RESONANCE IN A CATENARY, A HOIST DRUM CONTROL SYSTEM AND A MINE DRUM HOIST SYSTEM**
[54] **PROCEDE DE COMMANDE DE RESONANCE TRANSVERSALE DANS UNE CATENAIRE, SYSTEME DE COMMANDE DE TAMBOUR D'EXTRACTION ET SYSTEME DE TAMBOUR D'EXTRACTION**
[72] STEINARSON, APASARA, SE
[72] JOHANSSON, BORJE, SE
[71] ABB SCHWEIZ AG, CH
[85] 2017-07-12
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[25] EN
[54] **A SEMICONDUCTOR LOGIC ELEMENT AND A LOGIC CIRCUITRY**
[54] **ELEMENT LOGIQUE A SEMI-CONDUCTEUR ET CIRCUIT LOGIQUE**
[72] AUROLA, ARTTO MIKAEL, FI
[71] HYPERION SEMICONDUCTORS OY, FI
[85] 2017-07-12
[86] 2016-01-13 (PCT/FI2016/050014)
[87] (WO2016/113468)
[30] FI (20150011) 2015-01-14
[30] FI (20150088) 2015-02-05
[30] FI (20150089) 2015-02-17
[30] FI (20150145) 2015-05-20
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[25] EN
[54] **AQUEOUS COMPOSITIONS FOR CONTROLLING PESTS OR REGULATING PLANT GROWTH, SAID COMPOSITIONS COMPRISING THYMOL OR CARVACROL, A SURFACTANT, AND A SOLVENT**
[54] **COMPOSITIONS AQUEUSES DE LUTTE CONTRE LES NUISIBLES OU DE REGULATION DE LA CROISSANCE DES PLANTES, LESDITES COMPOSITIONS COMPRENANT DU THYMOL OU DU CARVACROL, UN TENSIOACTIF, ET UN SOLVANT**
[72] DAIGLE, FRANCOIS, CA
[72] LETELLIER, ANN, CA
[72] QUESSY, SYLVAIN, CA
[72] AURAY, SERGE, CA
[71] LABORATOIRE M2, CA
[85] 2017-07-12
[86] 2016-02-16 (PCT/CA2016/050138)
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[25] EN
[54] **RAIL**
[54] **RAIL**
[72] UEDA, MASAHARU, JP
[72] TANAHASHI, TAKUYA, JP
[72] MIYAZAKI, TERUHISA, JP
[71] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
[85] 2017-07-12
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[51] **Int.Cl. H04L 12/44 (2006.01)**
[25] EN
[54] **OPTICAL NETWORK UNIT, PON SYSTEM, AND METHOD OF CONTROLLING OPTICAL NETWORK UNIT**
[54] **MODULE DE RESEAU OPTIQUE, SYSTEME DE RESEAU OPTIQUE PASSIF ET METHODE DE CONTROLE OPTIQUE**
[72] TAKIZAWA, YASUHIRO, JP
[72] YUDA, SHUITSU, JP
[71] SUMITOMO ELECTRIC INDUSTRIES, LTD., JP
[85] 2017-07-12
[86] 2016-07-28 (PCT/JP2016/072152)
[87] (WO2017/098747)
[30] JP (PCT/JP2015/084565) 2015-12-09

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[51] **Int.Cl. E21B 47/12 (2012.01) E21B 47/06 (2012.01) E21B 47/18 (2012.01)**
[25] EN
[54] **DOWNHOLE WIRELESS COMMUNICATION USING SURFACE WAVES**
[54] **COMMUNICATION SANS FIL DE FOND DE TROU A L'AIDE D'ONDES DE SURFACE**
[72] ROBERSON, MARK W., US
[72] RODNEY, PAUL F., US
[72] GOODWIN, SCOTT, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2017-07-12
[86] 2015-03-11 (PCT/US2015/019862)
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[51] **Int.Cl. H01H 9/28 (2006.01) H01H 71/00 (2006.01)**
[25] EN
[54] **LOCKOUT/TAGOUT DEVICE FOR CONTROL SWITCHES**
[54] **DISPOSITIF DE VERROUILLAGE/ETIQUETAGE POUR INTERRUPTEURS DE COMMANDE**
[72] MININBERG, GUS J., US
[71] MININBERG, GUS J., US
[85] 2017-07-12
[86] 2015-09-16 (PCT/US2015/050329)
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[54] **HYDRODYNAMIC SEPARATOR**
[54] **SEPARATEUR HYDRODYNAMIQUE**
[72] GARBON, JOEL, A., US
[72] KAHLENBERG, JORDAN, S., US
[72] FARRELL, BENJAMIN, S., US
[72] PERRY, SCOTT, D., US
[72] BYRNE, GREGORY, W., JR., US
[71] CONTECH ENGINEERED SOLUTIONS LLC, US
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[30] US (62/089,011) 2014-12-08
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[51] **Int.Cl. B60T 17/22 (2006.01) B60T 13/66 (2006.01)**
[25] EN
[54] **IMPROVED SYSTEM FOR CONTROL OF COMPRESSORS AND AIR DRYERS IN TUNNELS**
[54] **SYSTEME AMELIORE DE COMMANDE DE COMPRESSEURS ET DE SECHEURS D'AIR DANS DES TUNNELS**
[72] WRIGHT, ERIC C., US
[71] NEW YORK AIR BRAKE LLC, US
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[86] 2015-01-16 (PCT/US2015/011684)
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[51] **Int.Cl. C12N 15/00 (2006.01) A61K 9/51 (2006.01) A61K 48/00 (2006.01)**
[25] EN
[54] **NUCLEIC ACID NANOSTRUCTURES WITH CORE MOTIFS**
[54] **NANOSTRUCTRUCTURES D'ACIDES NUCLEIQUES POURVUES DE MOTIFS DE NOYAU**
[72] DANIEL, WESTON, US
[72] MIX, SCOTT, US
[71] EXICURE, INC., US
[85] 2017-07-12
[86] 2016-01-14 (PCT/US2016/013365)
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[30] US (62/103,303) 2015-01-14

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[54] **CONSTRUCTIONS DE LIAISON A DES ANTIGENES IMMUNOMODULATEURS MULTISPECIFIQUES**
[72] SABZEVARI, HELEN, US
[72] SCHMIDT, MICHAEL MARCH, US
[72] TIGHE, ROBERT V., III., US
[72] METENOU, SIMON, US
[72] SCHUETZ, THOMAS JOSEPH, US
[72] BOBROWICZ, PIOTR, US
[71] COMPASS THERAPEUTICS LLC, US
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[54] **NON-INTRUSIVE INSPECTION SYSTEMS AND METHODS FOR THE DETECTION OF MATERIALS OF INTEREST**
[54] **SYSTEMES ET PROCEDES D'INSPECTION NON INTRUSIVE POUR LA DETECTION DE MATERIAUX D'INTERET**
[72] FRANCO, EDWARD D., US
[72] LANGEVELD, WILLEM G. J., US
[72] BENDAHAN, JOSEPH, US
[72] JANECEK, MARTIN, US
[72] STRELLIS, DAN, US
[71] RAPISCAN SYSTEMS, INC., US
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[54] **CELLULES MODIFIEES PAR L'AGE ET PROCEDE DE FABRICATION DE CELLULES MODIFIEES PAR L'AGE**
[72] STUDER, LORENZ, US
[72] CORNACCHIA, DANIELA, US
[71] MEMORIAL SLOAN-KETTERING CANCER CENTER, US
[85] 2017-07-12
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[54] **MODIFIED POLYPROPYLENE AND POLYMER BLENDS THEREOF**
[54] **POLYPROPYLENE MODIFIE ET MELANGES POLYMERES ASSOCIES**
[72] CARNEVALE, ELLIOT, US
[72] STEVENS, RILEY, US
[72] MCLOUGHLIN, KIMBERLY MILLER, US
[72] MILLER, WILLIAM SCOTT, US
[72] STEPHANS, MICHAEL ROBERT, US
[72] KRUPINSKI, STEVEN MICHAEL, US
[71] BRASKEM AMERICA, INC., US
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[54] **NOVEL IODOPHOR COMPOSITION AND METHODS OF USE**
[54] **NOUVELLE COMPOSITION IODOPHORE ET PROCEDES D'UTILISATION**
[72] CAPRIOTTI, JOSEPH, ES
[72] CAPRIOTTI, KARA, US
[72] PELLETIER, JESSE, US
[71] VELOCE BIOPHARMA LLC, US
[85] 2017-07-12
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[54] **LABILE LINKERS FOR BIOMARKER DETECTION**
[54] **LIEURS LABILES POUR DETECTION DE BIOMARQUEURS**
[72] MORIN, TREVOR J., US
[72] DUNBAR, WILLIAM B., US
[72] HELLER, DANIEL A., US
[72] SHROPSHIRE, TYLER, US
[71] TWO PORE GUYS, INC., US
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[54] **ANIMAL TRAINING DEVICE AND METHOD**
[54] **DISPOSITIF ET PROCEDE D'ENTRAINEMENT D'ANIMAUX**
[72] BECK, SARAH JANE, US
[71] BECK, SARAH JANE, US
[71] MELCHER, JEFFREY S., US
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[54] **REVETEMENT POUR CARTE DE MEDICAMENT**
[72] GELBAUM, DANA, IL
[71] CHIASMA INC., US
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[54] **PLASMA-ASSISTED METHOD AND SYSTEM FOR TREATING RAW SYNGAS COMPRISING TARS**
[54] **PROCEDE ASSISTE PAR PLASMA ET SYSTEME DE TRAITEMENT DE GAZ DE SYNTHESE BRUT COMPRENANT DES GOUDRONS**
[72] BACON, MARC, CA
[72] GOMAA, ISLAM, CA
[72] HAY, GRAEME, CA
[72] TSANGARIS, ANDREAS, CA
[71] PLASCO ENERGY GROUP INC., CA
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[25] EN
[54] **PERIPHERAL MEASURE OF CENTRAL BRAIN INFLAMMATION, MARKERS THEREFOR AND USES THEREOF**
[54] **MESURE PERIPHERIQUE D'UNE INFLAMMATION CEREBRALE CENTRALE, SES MARQUEURS ET SES UTILISATIONS**
[72] MEYER, JEFFREY, CA
[71] CENTRE FOR ADDICTION AND MENTAL HEALTH, CA
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[54] **INERTIAL SENSING AUGMENTATION FOR NAVIGATION OF SPACECRAFT**
[54] **AUGMENTATION DE LA DETECTION INERTIELLE DESTINEE A LA NAVIGATION D'ENGINS SPATIAUX**
[72] FABER, DANIEL R., US
[72] FOULDS, CRAIG, US
[72] CARROLL, KIERAN A., CA
[71] GEDEX INC., CA
[71] FABER, DANIEL R., US
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[25] EN
[54] **PREVENTION OR TREATMENT OF URATIC OR GOUTY DISEASES**
[54] **PREVENTION OU TRAITEMENT DE MALADIE DE GOUTTE OU D'ACIDE URIQUE**
[72] ZHANG, QIAN, CN
[72] HUANG, ZHENHUA, CN
[72] LIU, JINRONG, CN
[72] CHI, SHUANGSHUANG, CN
[71] SHANTON PHARMA CO., LTD., CN
[85] 2017-07-13
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[54] **IMPROVED MEDICAL PAD AND SYSTEM FOR THERMOTHERAPY**
[54] **COMPRESSE MEDICALE AMELIOREE ET SYSTEME DE THERMOTHERAPIE**
[72] VOORHEES, MARC E., US
[72] HOGLUND, MICHAEL R., US
[72] HART, KEIR DAVID, US
[71] MEDIVANCE INCORPORATED, US
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[25] EN
[54] **A METHOD FOR PRECISE MODIFICATION OF PLANT VIA TRANSIENT GENE EXPRESSION**
[54] **PROCEDE DE MODIFICATION PRECISE D'UNE PLANTE VIA EXPRESSION GENIQUE TRANSITOIRE**
[72] GAO, CAIXIA, CN
[72] WANG, YANPENG, CN
[72] ZHANG, YI, CN
[72] LIU, JINXING, CN
[72] ZHANG, KANG, CN
[71] INSTITUTE OF GENETICS AND DEVELOPMENTAL BIOLOGY,CHINESE ACADEMY OF SCIENCES, CN
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[54] **NANOPORE DETECTION OF TARGET POLYNUCLEOTIDES FROM SAMPLE BACKGROUND**
[54] **DETECTION DE NANOPORES DE POLYNUCLEOTIDES CIBLES A PARTIR DE FOND D'ECHANTILLON**
[72] MORIN, TREVOR J., US
[72] SHROPSHIRE, TYLER, US
[72] DUNBAR, WILLIAM B., US
[72] HELLER, DANIEL A., US
[72] WANG, HONGYUN, US
[71] TWO PORE GUYS, INC., US
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[25] EN
[54] **NOVEL ELECTRODEPOSITION SYSTEM**
[54] **NOUVEAU SYSTEME D'ELECTRODEPOSITION**
[72] GELLING, VICTORIA J., US
[72] DEBROY, TAPAN, US
[72] REN, CHUN, US
[71] VALSPAR SOURCING, INC., US
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[54] **GLYPICAN EPITOPES AND USES THEREOF**
[54] **EPITOPES DE LA GLYPICANE ET LEURS UTILISATIONS**
[72] CAMPBELL, DOUGLAS, AU
[72] JUSTINIANO FUENMAYOR, IRENE, AU
[72] NOCON, ALINE, AU
[72] SOON, JULIE, AU
[72] TRUONG, QUACH, AU
[72] WALSH, BRADLEY, AU
[72] WISSMUELLER, SANDRA, AU
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[54] **PROCEDE ET APPAREIL D'IMAGERIE HYPERSPECTRALE**
[72] MURPHY, RICHARD J., AU
[72] MELKUMYAN, ARMAN, AU
[72] CHLINGARYAN, ANNA, AU
[72] NGUYEN, DAI BANG, AU
[72] WISHART, STUART, AU
[72] LOWE, ALEX, AU
[72] SCHEDING, STEVEN, AU
[71] THE UNIVERSITY OF SYDNEY, AU
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[54] **A COUNTERBALANCE APPARATUS AND/OR METHOD FOR SUPPORTING A LOAD**
[54] **APPAREIL D'EQUILIBRAGE ET/OU PROCEDE DE SUPPORT DE CHARGE**
[72] BAX, JEFFREY, CA
[72] SHAN, DANDAN, CA
[72] WARING, CHRISTOPHER, CA
[72] FENSTER, AARON, CA
[71] THE UNIVERSITY OF WESTERN ONTARIO, CA
[71] CENTRE FOR IMAGING TECHNOLOGY COMMERCIALIZATION (CIMTEC), CA
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[25] EN
[54] **SYSTEM AND METHOD FOR PROTECTION OF SPACECRAFT ELECTRONICS**
[54] **SYSTEME ET PROCEDE PERMETTANT LA PROTECTION DE L'ELECTRONIQUE D'UN ENGIN SPATIAL**
[72] CARROLL, KIERAN A., CA
[71] GEDEX SYSTEMS INC., CA
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[54] **DISPOSITIF ET ENSEMBLE DE SUSPENSION**
[72] TAYLOR, GUY, GB
[71] THE JANGER LIMITED, GB
[85] 2017-07-13
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[54] **SOLID STATE, FRESH YOGURT CHEESE WITH LIVE AND ACTIVE CULTURES AND CHOCOLATE COVERED YOGURT DESSERT MADE OF IT, AND PROCESS FOR THEIR PREPARATION**
[54] **FROMAGE AU YAOURT DE CONSISTANCE FERME A FLORE BACTERIENNE VIVANTE, DESSERTS AU YAOURT NAPPES DE CHOCOLAT FABRIQUES A BASE DE CELUI-CI ET PROCEDES DE LEUR FABRICATION**
[72] RAKOSI, ATTILA, HU
[71] RAKOSI, ATTILA, HU
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[54] **COMMUNICATION METHOD AND COMMUNICATION DEVICE**
[54] **PROCEDE DE COMMUNICATION ET DISPOSITIF DE COMMUNICATION**
[72] IRIE, MASATAKA, JP
[72] HUANG, LEI, JP
[72] SIM, HONG CHENG MICHAEL, JP
[71] PANASONIC INTELLECTUAL PROPERTY MANAGEMENT CO., LTD., JP
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[54] **PROCEDE DE FABRICATION POUR DES VETEMENTS ET D'AUTRES PRODUITS EN TISSU**
[72] GALLAGHER, JOSEPH E., US
[71] COHESIVE SYSTEMS LLC, US
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[54] **INTRAVASCULAR DEVICES AND DELIVERY SYSTEMS AND USES THEREOF**
[54] **DISPOSITIFS INTRAVASCULAIRES ET SYSTEMES DE MISE EN PLACE ET UTILISATIONS ASSOCIES**
[72] SHEMESH, TZEELA MIKOVSKY, IL
[72] GERA, MORAN, IL
[72] ASHKENAZI, AMIT, IL
[71] KEYSTONE HEART LTD., IL
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[54] **SYSTEME DE BRIDGE**
[72] BERGER, UZI, IL
[71] BIO DENTAL SOLUTIONS LTD, VG
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[54] **SYSTEME ET PROCEDE ENERGETIQUE HYBRIDE**
[72] MCDANIEL, JOHN, US
[72] DITTMER, HAROLD, US
[71] WELLHEAD ELECTRIC COMPANY, INC., US
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[54] **TRAVEL CONTROL DEVICE**
[54] **DISPOSITIF DE COMMANDE DE PARCOURS**
[72] TAKAE, YASUHIKO, JP
[72] ETORI, NARIAKI, JP
[72] SETO, YOJI, JP
[71] NISSAN MOTOR CO., LTD., JP
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[25] EN
[54] **HUMANIZED ANTI-ACTH ANTIBODIES AND USE THEREOF**
[54] **ANTICORPS ANTI-ACTH HUMANISES ET LEUR UTILISATION**
[72] FELDHAUS, ANDREW L., US
[72] GARCIA-MARTINEZ, LEON F., US
[72] DUTZAR, BENJAMIN H., US
[72] ALLISON, DANIEL S., US
[72] ANDERSON, KATIE, US
[72] OJALA, ETHAN W., US
[72] FAN, PEI, US
[72] KARASEK, CHARLIE, US
[72] MULLIGAN, JENNY, US
[72] MITCHELL, DANIELLE, US
[72] MCNEILL, PATRICIA DIANNE, US
[72] SCALLEY-KIM, MICHELLE, US
[72] STEWART, ERICA, US
[72] SMITH, JEFFREY T.L., US
[72] LATHAM, JOHN, US
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[54] **HARNAIS ANTICHUTE**
[72] BOOTHBY, STEPHEN, US
[72] FLACHMAN, JOSEPH, US
[71] CMC RESCUE, INC., US
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[25] EN
[54] **RETAINER ASSEMBLY**
[54] **ENSEMBLE DE MAINTIEN**
[72] VIDAL, DAVID J., CA
[72] AXELSON, BRAD S., US
[72] WILUSZ, JOHN, CA
[71] A. RAYMOND ET CIE, FR
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[54] **BOITIER DE BORNE DE FIBRE OPTIQUE**
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[72] LICHOULAS, TED, US
[72] COURCHAINE, WILFRED, US
[71] AFL TELECOMMUNICATIONS LLC, US
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[25] EN
[54] **ELECTRIC-RESISTANCE-WELDED STAINLESS CLAD STEEL PIPE AND METHOD OF MANUFACTURING THE SAME**
[54] **TUYAU EN ACIER PLAQUE INOXYDABLE SOUDE A RESISTANCE ELECTRIQUE ET METHODE DE FABRICATION ASSOCIEE**
[72] OKABE, TAKATOSHI, JP
[72] GOTO, SOTA, JP
[72] HASHIMOTO, YUJI, JP
[72] KATO, YASUSHI, JP
[72] MATSUMOTO, ATSUSHI, JP
[72] IDE, SHINSUKE, JP
[72] OTA, HIROKI, JP
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[54] **METHOD FOR THE PREPARATION OF ANODES FOR LITHIUM BATTERIES**
[54] **PROCEDE DE PREPARATION D'ANODES POUR BATTERIES AU LITHIUM**
[72] HASSAN, FATHY MOHAMED, CA
[72] CHEN, ZHONGWEI, CA
[72] YU, AIPING, CA
[71] HASSAN, FATHY MOHAMED, CA
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[54] **LAMPE A SUSPENSION AUTO-LUMINEUSE**
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[71] YUTOU TECHNOLOGY (HANGZHOU) CO., LTD., CN
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[54] **DISPOSITIF DE DILATATION POUR URETRE PROSTATIQUE**
[72] BACHAR, YEHUDA, IL
[71] BUTTERFLY MEDICAL LTD., IL
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[54] **SYSTEME ET PROCEDE DE COMMANDE DE LUMIERE**
[72] YANG, ZHOU, CN
[71] YUTOU TECHNOLOGY (HANGZHOU) CO., LTD., CN
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[54] **NOVEL CRYSTALLINE FORMS OF NERATINIB MALEATE AND PROCESS OF PREPARATION THEREOF**
[54] **NOUVELLE FORME CRISTALLINE DE MALEATE DE NERATINIB ET METHODE DE PREPARATION DE CETTE DERNIERE**
[72] CHEN, MINHUA, CN
[72] ZHANG, YANFENG, CN
[72] DIAO, XIAOJUAN, CN
[72] ZHANG, XIAOYU, CN
[71] CRYSTAL PHARMATECH CO., LTD., CN
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[54] **ELECTRODE TO NERVE DISTANCE ESTIMATION**
[54] **ESTIMATION DE DISTANCE ELECTRODE-NERF**
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[71] SALUDA MEDICAL PTY LTD, AU
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[54] **COMBINATION DRUG**
[54] **MEDICAMENT D'ASSOCIATION**
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[72] TSUKAGUCHI TOSHIYUKI, JP
[71] CHUGAI SEIYAKU KABUSHIKI KAISHA, JP
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[54] **RAIL**
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[72] YAMAMOTO, TAKESHI, JP
[72] MIYAZAKI, TERUHISA, JP
[71] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
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[54] **SPRAY BAR DEFLECTION TRAY**
[54] **PLATEAU DE DEVIATION DE RAMPE DE PULVERISATION**
[72] KEEFER, RONALD, US
[71] MIDWEST INDUSTRIAL SUPPLY, INC., US
[85] 2017-07-10
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[54] **CAPLESS AUTOMOTIVE FUELING SYSTEM WITH MISS-FUEL INHIBITOR**
[54] **SYSTEME DE RAVITAILLEMENT EN CARBURANT D'AUTOMOBILE SANS BOUCHON AVEC INHIBITEUR D'ERREUR DE CARBURANT**
[72] KERIN, JAMES J., US
[72] STANCU, SORIN, US
[72] FEARN, JERRY WALTER, US
[71] MARTINREA INDUSTRIES, INC., US
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[25] EN
[54] **CONDENSED HETEROCYCLIC COMPOUNDS AND PESTICIDES**
[54] **COMPOSE HETEROCYCLIQUE CONDENSE ET AGENT DE LUTTE CONTRE DES ORGANISMES NUISIBLES**
[72] KUDO, TAKAO, JP
[72] MAIZURU, YUKIHIRO, JP
[72] TANAKA, AYANO, JP
[72] NOTO, KENKICHI, JP
[72] MATSUI, HIROTO, JP
[72] KOBAYASHI, MASAKI, JP
[71] NISSAN CHEMICAL INDUSTRIES, LTD., JP
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[25] EN
[54] **RADIOACTIVE HALOGEN-LABELED PYRIDO[1,2-A]BENZIMIDAZOLE DERIVATIVE COMPOUND**
[54] **COMPOSE DERIVE DE PYRIDO[1,2-A]BENZIMIDAZOLE MARQUE D'UN HALOGENE RADIOACTIF**
[72] ONO, MASAHIRO, JP
[72] SAJI, HIDEO, JP
[72] IHARA, MASAFUMI, JP
[72] MATSUMOTO, HIROKI, JP
[72] SEKI, IKUYA, JP
[71] KYOTO UNIVERSITY, JP
[71] NIHON MEDI-PHYSICS CO., LTD., JP
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[25] EN
[54] **SUBSEA WELLHEAD ASSEMBLY**
[54] **ENSEMBLE TETE DE PUITS SOUS-MARIN**
[72] OSEN, PER, NO
[71] STATOIL PETROLEUM AS, NO
[85] 2017-07-13
[86] 2015-12-24 (PCT/NO2015/050262)
[87] (WO2016/118019)
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[51] **Int.Cl. C12Q 1/37 (2006.01)**
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[54] **IN VITRO METHOD FOR ESTIMATING IN VIVO PROTEIN DIGESTIBILITY**
[54] **PROCEDE IN VITRO POUR ESTIMER LA DIGESTIBILITE D'UNE PROTEINE IN VIVO**
[72] PLANK, DAVID W., US
[71] GENERAL MILLS, INC., US
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[25] EN
[54] **ELECTRONIC PLUMBING FIXTURE FITTING WITH ELECTRONIC VALVE INCLUDING PISTON AND SEAT, SENSOR MOUNTED ON ELECTRONIC BOARD, AND FLOW MODULE**
[54] **RACCORD D'APPAREIL DE PLOMBERIE ELECTRONIQUE COMPORTANT UNE SOUPAPE ELECTRONIQUE COMPRENANT UN PISTON ET UN SIEGE, UN CAPTEUR MONTE SUR UNE CARTE ELECTRONIQUE, ET UN MODULE D'ECOULEMENT**
[72] EVANS, KENNETH E., US
[72] LANCE, MATTHEW J., US
[72] MOGHE, SANJEEV S., US
[72] SONG, INHO, US
[71] MOEN INCORPORATED, US
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[25] EN
[54] **CONTROL SYSTEM AND METHOD OF FLOWBACK OPERATIONS FOR SHALE RESERVOIRS**
[54] **SYSTEME DE COMMANDE ET PROCEDE D'OPERATIONS DE REFLUX POUR DES RESERVOIRS DE SCHISTE**
[72] WILLBERG, DEAN MICHAEL, US
[72] WILLIAMS, RYAN DONALD, US
[72] MONCADA, KATHARINE, US
[72] DESROCHES, JEAN, FR
[72] ENKABABIAN, PHILIPPE, US
[72] SPESIVTSEV, PAVEL, RU
[71] SCHLUMBERGER CANADA LIMITED, CA
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[25] EN
[54] **ELECTRONIC PLUMBING FIXTURE FITTING WITH ELECTRONIC VALVE HAVING LOW CLOSING FORCE, LOW SEAL FORCE, SEQUENTIAL OPERATION, AND OPERATION MODES**
[54] **RACCORD D'APPAREIL DE PLOMBERIE ELECTRONIQUE AVEC SOUPAPE ELECTRONIQUE AYANT UNE FAIBLE FORCE DE FERMETURE, UNE FAIBLE FORCE D'ETANCHEITE, UN FONCTIONNEMENT SEQUENTIEL, ET PLUSIEURS MODES DE FONCTIONNEMENT**
[72] MOGHE, SANJEEV S., US
[72] SONG, INHO, US
[72] WALLERSTORFER, KURT, AT
[71] MOEN INCORPORATED, US
[85] 2017-07-13
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[72] MESSINA, LOUIS M., US
[72] TIE, GUODONG, US
[71] UNIVERSITY OF MASSACHUSETTS, US
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[25] EN
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[54] **ELEMENT DE VAPORISATION PAR ULTRASONS**
[72] TAN, WILLIAM, US
[71] TAN, WILLIAM, US
[85] 2017-07-13
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[51] **Int.Cl. B62D 3/12 (2006.01) A01D 34/64 (2006.01) B62D 3/02 (2006.01) B62D 7/08 (2006.01) B62D 7/18 (2006.01)**
[25] EN
[54] **STEERING ASSEMBLY FOR A RIDING LAWN MOWER**
[54] **ENSEMBLE DE DIRECTION POUR UNE TONDEUSE A SIEGE**
[72] CMICH, RYAN, US
[71] MTD PRODUCTS INC, US
[85] 2017-07-13
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[25] EN
[54] **PROTEIN DELIVERY IN PRIMARY HEMATOPOIETIC CELLS**
[54] **LIVRAISON DE PROTEINES DANS DES CELLULES HEMATOPOIETIQUES PRIMAIRES**
[72] MARSON, ALEXANDER, US
[72] DOUDNA, JENNIFER, US
[72] BLUESTONE, JEFFREY, US
[72] SCHUMANN, KATHRIN, US
[72] LIN, STEVEN, TW
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
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[87] (WO2016/123578)
[30] US (62/110,187) 2015-01-30
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[25] EN
[54] **COMPOSITIONS AND METHODS RELATING TO UNIVERSAL GLYCOFORMS FOR ENHANCED ANTIBODY EFFICACY**
[54] **COMPOSITIONS ET PROCEDES CONCERNANT DES GLYCOFORMES UNIVERSELLES POUR UNE EFFICACITE D'ANTICORPS AMELIOREE**
[72] WONG, CHI-HUEY, US
[72] WU, CHUNG-YI, TW
[72] MA, CHE, TW
[72] WU, HAN-CHUNG, TW
[71] ACADEMIA SINICA, CN
[85] 2017-07-13
[86] 2016-01-30 (PCT/US2016/015858)
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[30] US (62/110,338) 2015-01-30
[30] US (14/723,297) 2015-05-27
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[54] **PLAN VISUALIZATION**
[54] **VISUALISATION DE PLANS**
[72] BLUESTONE, DEREK, US
[72] OWUSU-ANTWI, LAURA, US
[72] PRUNTY, JASON, US
[72] BAUMANN-ERB, RONALD, US
[72] LAFAVE, SCOTT, US
[72] GRESS, KYLE, US
[72] SUNDARESAN, BHUVANA, US
[72] OLIVARES, PATRICK, US
[72] BUCK, FRANCIS, US
[72] TRUEBLOOD, CHRIS, US
[71] SUNGARD AVAILABILITY SERVICES, LP, US
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[30] US (62/117,579) 2015-02-18
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[25] EN
[54] **BINDING-TRIGGERED TRANSCRIPTIONAL SWITCHES AND METHODS OF USE THEREOF**
[54] **COMMUTATEURS TRANSCRIPTIONNELS DECLENCHES PAR UNE LIAISON ET PROCEDES D'UTILISATION ASSOCIES**
[72] LIM, WENDELL A., US
[72] MORSUT, LEONARDO, US
[72] ROYBAL, KOLE T., US
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
[85] 2017-07-13
[86] 2016-02-23 (PCT/US2016/019188)
[87] (WO2016/138034)
[30] US (62/120,256) 2015-02-24
[30] US (62/257,153) 2015-11-18
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[51] **Int.Cl. B03C 1/28 (2006.01) A61M 1/10 (2006.01) A61M 1/12 (2006.01) A61M 25/01 (2006.01) A61M 39/22 (2006.01) B03C 1/033 (2006.01) B03C 1/30 (2006.01) F16K 31/06 (2006.01)**
[25] EN
[54] **CATHETER DEVICE COMPRISING A SEPARATING DEVICE FOR RETAINING MAGNETIC PARTICLES CONTAINED IN A FLUID AND PROTECTION DEVICE FOR A FUNCTIONAL ELEMENT**
[54] **DISPOSITIF A CATHETER COMPRENANT UN DISPOSITIF DE SEPARATION DESTINE A RETENIR DES PARTICULES MAGNETIQUES CONTENUES DANS UN FLUIDE ET DISPOSITIF DE PROTECTION POUR UN ELEMENT FONCTIONNEL**
[72] ER, SAMI, DE
[72] SIMON, CORNELIA, DE
[72] SCHUMACHER, JORG, DE
[72] LIEBING, REINER, DE
[71] ECP ENTWICKLUNGSGESELLSCHAFT MBH, DE
[85] 2017-07-13
[86] 2016-01-22 (PCT/EP2016/051391)
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[30] EP (15152201.8) 2015-01-22

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[51] **Int.Cl. A61K 35/74 (2015.01)**
[25] EN
[54] **PROBIOTIC COMPOSITIONS AND METHODS OF USE**
[54] **COMPOSITIONS PROBIOTIQUES ET PROCEDES D'UTILISATION**
[72] OAKLEY, BRIAN, US
[71] WESTERN UNIVERSITY OF HEALTH SCIENCES, US
[85] 2017-07-13
[86] 2016-02-04 (PCT/US2016/016587)
[87] (WO2016/126954)
[30] US (62/113,137) 2015-02-06

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[13] A1
[51] **Int.Cl. H04L 12/26 (2006.01) H04L 12/24 (2006.01)**
[25] EN
[54] **A SYSTEM, SERVER AND DATA CAPTURE DEVICE FOR ROADSIDE ASSET TRACKING AND MAINTENANCE MONITORING**
[54] **SYSTEME, SERVEUR ET DISPOSITIF DE CAPTURE DE DONNEES POUR LE SUIVI DE BIENS ET LA SURVEILLANCE DE LA MAINTENANCE DE BORD DE ROUTE**
[72] BOYLE, NORMAN, AU
[71] BOYLE, NORMAN, AU
[85] 2017-07-14
[86] 2016-01-15 (PCT/AU2016/050016)
[87] (WO2016/112435)
[30] AU (2015900127) 2015-01-16

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[54] **IMPACTEUR A GUIDAGE MECANIQUE POUR ARTHROPLASTIE DE LA HANCHE**
[72] FALARDEAU, BRUNO, CA
[72] DUVAL, KARINE, CA
[72] MOREAU-BELANGER, LAURENCE, CA
[72] PARADIS, FRANCOIS, CA
[72] LI, DI, CA
[72] VALIN, MYRIAM, CA
[72] PELLETIER, BENOIT, CA
[71] ORTHOSOFT INC., CA
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[54] **NO-BEAN DETECTION FOR COFFEE BEAN GRINDER**
[54] **DETECTION D'ABSENCE DE GRAINS POUR BROYEUR DE GRAINS DE CAFE**
[72] LEHOTAY, ADAM JOHN, US
[72] LAURSEN, ALAN VARR, US
[71] HELEN OF TROY LIMITED, BB
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[54] **SYSTEMS AND METHODS FOR BEAMFORMING USING VARIABLE SAMPLING**
[54] **SYSTEMES ET PROCEDES DE MISE EN FORME DU FAISCEAU A L'AIDE D'UN ECHANTILLONNAGE VARIABLE**
[72] BROWN, JEREMY, CA
[72] SAMSON, CHRISTOPHER, CA
[72] LEADBETTER, JEFF, CA
[71] DALHOUSIE UNIVERSITY, CA
[85] 2017-07-14
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[25] EN
[54] **METHOD AND APPARATUS FOR CONTROLLING USER INTERFACE ELEMENTS ON A TOUCH SCREEN**
[54] **PROCEDE ET APPAREIL POUR COMMANDER DES ELEMENTS D'INTERFACE UTILISATEUR SUR UN ECRAN TACTILE**
[72] HU, HAIQING, CN
[72] DUAN, MENGGE, CN
[72] LUO, SHIQIANG, CN
[71] MOTOROLA SOLUTIONS, INC., US
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[54] **MOTEUR SANS BALAI A DOUBLE TENSION**
[72] CHANG, YIJIA, CN
[72] LEE, HEIMAN, CN
[71] TECHTRONIC INDUSTRIES COMPANY LIMITED, CN
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[54] **INFLATABLE CUSHIONING DEVICE**
[54] **DISPOSITIF D'AMORTISSEMENT GONFLABLE**
[72] MARSON, JAMES EDWARD, US
[72] JACOT, DOUGLAS S., US
[71] CASCADE DESIGNS, INC., US
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[54] **A METHOD FOR SITE-DIRECTED MODIFICATION OF WHOLE PLANT THROUGH GENE TRANSIENT EXPRESSION**
[54] **PROCEDE PERMETTANT D'EFFECTUER UNE MODIFICATION SPECIFIQUE D'UN SITE SUR UNE PLANTE ENTIERE PAR EXPRESSION TRANSITOIRE D'UN GENE**
[72] GAO, CAIXIA, CN
[72] ZHANG, YI, CN
[72] WU, ZHONGYI, CN
[72] ZHANG, KANG, CN
[71] INSTITUTE OF GENETICS AND DEVELOPMENTAL BIOLOGY,CHINESE ACADEMY OF SCIENCES, CN
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[54] **SYSTEM AND METHOD FOR MANAGING AND OPTIMIZING DELIVERY NETWORKS**
[54] **SYSTEME ET PROCEDE DE GESTION ET D'OPTIMISATION DE RESEAUX DE LIVRAISON**
[72] LAFRANCE, CHRISTIAN, CA
[71] DEVELOPPEMENT PI INC., CA
[85] 2017-07-14
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[54] **SYSTEME DE FLUIDE DE FRACTURATION COMPOSITE MULTIFONCTIONNEL**
[72] GUO, YONGJUN, CN
[72] LUO, PINGYA, CN
[72] WANG, XIANG, CN
[72] LIU, KUAN, CN
[71] SICHUAN GUANGYA POLYMER CHEMICAL CO., LTD., CN
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[54] **SOLID ORAL DOSAGE FORM OF IRINOTECAN FOR THE TREATMENT OF CANCER**
[54] **FORME GALENIQUE ORALE SOLIDE D'IRINOTECAN POUR LE TRAITEMENT DU CANCER**
[72] HOJGAARD, BENT, DK
[71] ONCORAL PHARMA APS, DK
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[54] **DEBRIS BAG WITH DETACHABLE COLLAR**
[54] **SAC A DEBRIS COMPRENANT UN COLLIER AMOVIBLE**
[72] GOPALAN, SURESH C, US
[72] KALADHARAN, JAYAMURALI, IN
[71] PENTAIR WATER POOL AND SPA, INC., US
[85] 2017-07-13
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[54] **MULTI-PORT BALL VALVE WITH INDUCED FLOW IN BALL-BODY CAVITY**
[54] **ROBINET A BILLE MULTIVOIES A ECOULEMENT INDUIT DANS CAVITE DE CORPS A BILLE**
[72] KINDERSLEY, PETER GEOFFREY, US
[72] ZEDICK, KYLE PHILIP, US
[71] VELAN INC., CA
[85] 2017-07-14
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[54] **DOCUMENT VERIFICATION SYSTEM**
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[54] **EVALUATING METHOD FOR COAL AND PRODUCING METHOD FOR COKE**
[54] **PROCEDE D'EVALUATION DE CHARBON ET PROCEDE DE FABRICATION DE COKE**
[72] DOHI, YUSUKE, JP
[72] FUKADA, KIYOSHI, JP
[72] MATSUI, TAKASHI, JP
[72] NAGAYAMA, MIKIYA, JP
[72] NANRI, NARUMI, JP
[72] HANADA, KAZUTOSHI, JP
[71] JFE STEEL CORPORATION, JP
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[54] **GENE EXPRESSION SYSTEM USING STEALTHY RNA, AND GENE INTRODUCTION/EXPRESSION VECTOR INCLUDING SAID RNA**
[54] **SYSTEME D'EXPRESSION GENIQUE METTANT EN ŒUVRE UN ARN FURTIF, ET VECTEUR D'INTRODUCTION/EXPRESSION DE GENE COMPRENANT LEDIT ARN**
[72] NAKANISHI, MAHITO, JP
[72] IIJIMA, MINORU, JP
[71] NATIONAL INSTITUTE OF ADVANCED INDUSTRIAL SCIENCE AND TECHNOLOGY, JP
[71] TOKIWA-BIO INC., JP
[85] 2017-07-14
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[25] EN
[54] **SOLID COMPOSITION OF PYRROLE CARBOXAMIDE**
[54] **COMPOSITION SOLIDE DE PYRROLE CARBOXAMIDE**
[72] TANABE, HIDEAKI, JP
[72] YAMADA, MINA, JP
[71] DAIICHI SANKYO COMPANY, LIMITED, JP
[85] 2017-07-14
[86] 2016-01-25 (PCT/JP2016/051956)
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[54] **METHOD FOR MANUFACTURING ASHLESS COAL**
[54] **PROCEDE DE FABRICATION DE CHARBON SANS CENDRE**
[72] SAKAI, KOJI, JP
[72] OKUYAMA, NORIYUKI, JP
[72] YOSHIDA, TAKUYA, JP
[72] KINOSHITA, SHIGERU, JP
[71] KABUSHIKI KAISHA KOBE SEIKO SHO (KOBE STEEL, LTD.), JP
[85] 2017-07-14
[86] 2016-02-19 (PCT/JP2016/054933)
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[25] EN
[54] **RADIOACTIVE IODINE LABELED PYRIDO[1,2-A]BENZOIMIDAZOLE DERIVATIVE COMPOUND**
[54] **COMPOSE DERIVE DE PYRIDO [1,2-A] BENZOIMIDAZOLE MARQUE A L'IODE RADIOACTIF**
[72] SAJI, HIDEO, JP
[72] ONO, MASAHIRO, JP
[72] IHARA, MASAFUMI, JP
[72] SEKI, IKUYA, JP
[71] NIHON MEDI-PHYSICS CO., LTD., JP
[71] KYOTO UNIVERSITY, JP
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[54] **ENVIRONMENTAL BARRIER COATING**
[54] **REVETEMENT BARRIERE ENVIRONNEMENTAL**
[72] NAKAMURA, TAKESHI, JP
[72] TAMURA, TAKASHI, JP
[72] KITAOKA, SATOSHI, JP
[72] KAWASHIMA, NAOKI, JP
[71] JAPAN FINE CERAMICS CENTER, JP
[71] IHI CORPORATION, JP
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[54] **COMPOUNDS FOR IMPROVING MRNA SPLICING**
[54] **COMPOSES POUR AMELIORER L'EPISSAGE DE L'ARNM**
[72] SLAUGENHAUPT, SUSAN A., US
[72] JOHNSON, GRAHAM, US
[72] PAQUETTE, WILLIAM D., US
[72] ZHANG, WEI, US
[72] MARUGAN, JUAN, US
[71] THE GENERAL HOSPITAL CORPORATION, US
[71] UNITED STATES DEPARTMENT OF HEALTH AND HUMAN SERVICES, US
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[54] **DRUG STORAGE AND DISPENSING SYSTEM FOR PRE-FILLED CONTAINERS**
[54] **SYSTEME DE STOCKAGE ET DE DISTRIBUTION DE MEDICAMENT POUR RECIPIENTS PREREMPLIS**
[72] BLACK, AMANDA, US
[72] WRIGHT, JUSTIN, US
[72] MONCHOIX, HERVE, FR
[72] MARECHAL, DAMIEN, FR
[72] SCHNEIDER, ERIC, US
[72] LARROW, CHET, US
[71] BECTON DICKINSON FRANCE, FR
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[25] EN
[54] **MULTI-LAYER FILMS AND METHODS OF MANUFACTURING AND USING THE SAME**
[54] **FILMS MULTICOUCHES ET PROCEDES DE FABRICATION ET UTILISATION DE CEUX-CI**
[72] BALL, JOSHUA, US
[72] WEST, SOLOMON O'NEIL, CA
[72] SOREM, MARC, US
[71] COVERIS HOLDING CORP., US
[85] 2017-07-13
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[54] **SYSTEM AND METHOD FOR PROVIDING A PERSONALIZED WASHROOM EXPERIENCE TO PATRONS**
[54] **SYSTEME ET PROCEDE POUR OFFRIR AUX CLIENTS UNE EXPERIENCE D'UTILISATION PERSONNALISEE DES TOILETTES**
[72] BECKER, STEPHEN, US
[72] DUNBAR, CHARLENE, US
[72] KIRKLAND, JASON, US
[72] MOEDE, WARREN, US
[72] SCHULZ, TOM, US
[72] SHEEHAN, CHRISSY, US
[72] SHIPP, PETER W., JR., US
[72] ZIELINSKI, MATT, US
[72] TRAMONTINA, PAUL F., US
[71] KIMBERLY-CLARK WORLDWIDE, INC., US
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[54] **SESSION SECURITY SPLITTING AND APPLICATION PROFILER**
[54] **PROFILEUR DE DIVISION DE SECURITE DE SESSION ET D'APPLICATION**
[72] PIKE, ROBERT, US
[71] ENZOO, INC., US
[85] 2017-07-13
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[54] **SEPARATIONS A L'AIDE DE SOLVANTS LIQUIDES IONIQUES**
[72] JI, LEI, US
[72] CHANG, AI-FU, US
[72] DRIVER, MICHAEL SEAN, US
[72] TIMKEN, HYE-KYUNG CHO, US
[71] CHEVRON PHILLIPS CHEMICAL COMPANY LP, US
[71] CHEVRON U.S.A. INC., US
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[54] **ANTIPARASITIC COMPOUNDS**
[54] **COMPOSES ANTIPARASITAIRES**
[72] SPEAKE, JASON D., US
[72] PERALES, JOE B., US
[72] FAN, WEIMING, US
[72] ROLLAND, SOLENE CLARISSE, FR
[71] AVISTA PHARMA SOLUTIONS, INC., US
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[54] **SHARPENER FOR THICK KNIVES**
[54] **AIGUISEUR DE COUTEAUX EPAIS**
[72] WEINER, SAMUEL, US
[72] ELEK, BELA, US
[72] FRIEL, DANIEL D., US
[71] EDGECRAFT CORPORATION, US
[85] 2017-07-14
[86] 2016-01-14 (PCT/US2016/013400)
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[30] US (62/104,138) 2015-01-16
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[54] **GAS CONTAINMENT SYSTEM**
[54] **SYSTEME DE CONFINEMENT DE GAZ**
[72] PATTEN, JAMES W., US
[71] RED LEAF RESOURCES, INC., US
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[54] **TREATMENT OF CANCER WITH ANTI-LAP MONOCLONAL ANTIBODIES**
[54] **TRAITEMENT DU CANCER AVEC DES ANTICORPS MONOCLONAUX ANTI-LAP**
[72] WEINER, HOWARD L., US
[72] GABRIELY, GALINA, US
[72] DA CUNHA, ANDRE PIRES, US
[71] THE BRIGHAM AND WOMEN'S HOSPITAL, INC., US
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[54] **HYBRID OPTICAL FIBER RIBBON AND POWER CABLE**
[54] **CABLE HYBRIDE DE RUBAN A FIBRES OPTIQUES ET D'ALIMENTATION**
[72] REGISTER, JAMES ARTHUR, III, US
[71] CORNING OPTICAL COMMUNICATIONS LLC, US
[85] 2017-07-14
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[25] EN
[54] **CONJUGATED POLYELECTROLYTES AND METHODS OF USING THE SAME**
[54] **POLYELECTROLYTES CONJUGUES ET LEURS PROCEDES D'UTILISATION**
[72] WHITTEN, DAVID G., US
[72] PAPPAS, HARRY CRAIG, US
[72] HILL, ERIC H., ES
[72] SCHANZE, KIRK S., US
[72] PARTHASARATHY, ANAND, US
[72] HUANG, YUN, US
[72] CORBITT, THOMAS S., US
[71] WHITTEN, DAVID G., US
[71] PAPPAS, HARRY CRAIG, US
[71] HILL, ERIC H., ES
[71] SCHANZE, KIRK S., US
[71] PARTHASARATHY, ANAND, US
[71] HUANG, YUN, US
[71] CORBITT, THOMAS S., US
[85] 2017-07-14
[86] 2016-01-14 (PCT/US2016/013431)
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[30] US (62/103,244) 2015-01-14
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[25] EN
[54] **DETERMINING LINK CONDITIONS OF A CLIENT LAN/WAN FROM MEASUREMENT POINT TO CLIENT DEVICES AND APPLICATION SERVERS OF INTEREST**
[54] **DETERMINATION DE CONDITIONS DE LIAISON D'UN RESEAU LOCAL (LAN)/RESEAU ETENDU (WAN) DE CLIENT D'UN POINT DE MESURE A DES DISPOSITIFS DE CLIENT ET SERVEURS D'APPLICATION D'INTERET**
[72] JAIN, KAUSTUBH, US
[72] SU, CHI-JIUN, US
[72] JAVALI, NAGESH, US
[71] HUGHES NETWORK SYSTEMS, LLC, US
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[25] EN
[54] **DIMENSIONALLY ADJUSTABLE LUMINAIRE HOUSING**
[54] **BOITIER DE LUMINAIRE A DIMENSIONS REGLABLES**
[72] VANG, SENG, US
[72] WERR, MARTIN CARL, US
[72] RECTOR, DAVID JOHN, US
[72] LEWIS, RANDY KENT, US
[72] SIMONI, DAVID ARTHUR, US
[71] HUBBELL INCORPORATED, US
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[25] EN
[54] **WATER DISCHARGE APPARATUS AND BATH APPARATUS**
[54] **APPAREIL DE PROJECTION D'EAU ET APPAREIL DE BAIN**
[72] NAGAYANAGI, MASAKO, JP
[72] IIDOTA, MAYUMI, JP
[72] ICHIKAWA, YUICHIRO, JP
[72] KAWAKAMI, MASASHI, JP
[71] LIXIL CORPORATION, JP
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[25] EN
[54] **ROLLING SECURITY PLATFORM**
[54] **PLATE-FORME DE SECURITE DE TYPE ROULANT**
[72] PIKE, ROBERT, US
[71] ENZOO, INC., US
[85] 2017-07-13
[86] 2016-01-19 (PCT/US2016/013944)
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[30] US (62/105,685) 2015-01-20
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[54] **CONTAINER LID AND DAMMING INSERT CONSTRUCTIONS**
[54] **COUVERCLE DE RECIPIENT ET CONSTRUCTIONS DE PIECE RAPPORTEE DE RETENUE**
[72] SAVENOK, PAVEL, US
[71] SAVENOK, PAVEL, US
[85] 2017-07-14
[86] 2016-01-12 (PCT/US2016/013105)
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[25] EN
[54] **OCEAN SENSOR SYSTEM**
[54] **SYSTEME DE CAPTEUR OCEANIQUE**
[72] OLIVIER, ANDRE W., US
[71] ION GEOPHYSICAL CORPORATION, US
[71] OLIVIER, ANDRE W., US
[85] 2017-07-14
[86] 2016-01-14 (PCT/US2016/013340)
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[25] EN
[54] **HEALING TOPICAL COMPOSITION**
[54] **COMPOSITION TOPIQUE DE CICATRISATION**
[72] ABREO, MELWYN, US
[72] MCBRIDE, CAROL, US
[72] SHEENA, TALAL, US
[71] FLORENGALE, LLC, US
[85] 2017-07-14
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[25] EN
[54] **COMPOSITIONS AND METHODS FOR CHRONIC USE OF A WEIGHT-GAINING COMPOUND**
[54] **COMPOSITIONS ET PROCEDES POUR L'UTILISATION CHRONIQUE DE COMPOSE DE PRISE DE POIDS**
[72] RHODES, LINDA, US
[72] LACHAUD, MARIE-PAUL, US
[72] ZOLLERS, BILL, US
[72] HEINEN, ERNST, US
[71] ARATANA THERAPEUTICS, INC., US
[85] 2017-07-14
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[51] **Int.Cl. E21B 43/119 (2006.01) E21B 43/118 (2006.01) E21B 43/263 (2006.01)**
[25] EN
[54] **LIMITED ENTRY PHASED PERFORATING GUN SYSTEM AND METHOD**
[54] **SYSTEME PERFORATEUR A ENTREE LIMITEE A COMMANDE DE PHASE ET PROCEDE**
[72] HARDESTY, JOHN T., US
[72] CLARK, NATHAN G., US
[72] ROLLINS, JAMES A., US
[72] WESSON, DAVID S., US
[71] GEODYNAMICS, INC., US
[85] 2017-07-14
[86] 2016-01-15 (PCT/US2016/013579)
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[51] **Int.Cl. G06F 19/00 (2011.01) A61B 5/145 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR DISTRIBUTING CONTINUOUS GLUCOSE DATA**
[54] **SYSTEMES ET PROCEDES DE DISTRIBUTION DE DONNEES DE GLUCOSE EN CONTINU**
[72] MENSINGER, MICHAEL ROBERT, US
[72] CABRERA, ESTEBAN, JR., US
[72] COHEN, ERIC, US
[72] HEINTZMAN, NATHANIEL DAVID, US
[72] KAMATH, APURV ULLAS, US
[72] MORRIS, GARY A., US
[72] PAL, ANDREW ATTILA, US
[72] REIHMAN, ELI, US
[72] VALDES, JORGE, US
[71] DEXCOM, INC., US
[85] 2017-07-14
[86] 2016-02-09 (PCT/US2016/017137)
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[30] US (62/114,386) 2015-02-10
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[25] EN
[54] **PRESSURE COMPENSATION DEVICE FOR A FLUID PRESSURE PULSE GENERATING APPARATUS**
[54] **DISPOSITIF DE COMPENSATION DE PRESSION POUR UN APPAREIL GENERATEUR D'IMPULSION DE PRESSION DE FLUIDE**
[72] LEE, GAVIN GAW-WAE, CA
[72] LOGAN, JUSTIN C., CA
[72] LOGAN, AARON W., CA
[71] EVOLUTION ENGINEERING INC., CA
[85] 2017-07-17
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[51] **Int.Cl. H02M 1/088 (2006.01) H02J 3/36 (2006.01)**
[25] EN
[54] **HIGH VOLTAGE DIRECT CURRENT POWER TRANSMISSION SERIES VALVE GROUP CONTROL DEVICE**
[54] **DISPOSITIF DE COMMANDE DE GROUPE DE VALVES DE TRANSMISSION DE PUISSANCE SERIE EN COURANT CONTINU HAUTE TENSION**
[72] LU, DONGBIN, CN
[72] WANG, YONGPING, CN
[72] WANG, ZHENXI, CN
[72] ZOU, QIANG, CN
[71] NR ELECTRIC CO., LTD., CN
[71] NR ENGINEERING CO., LTD., CN
[85] 2017-07-17
[86] 2016-01-21 (PCT/CN2016/071587)
[87] (WO2016/116057)
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[51] **Int.Cl. C07D 471/04 (2006.01) A61K 31/519 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **HYDROXYETHYL SULFONATE OF CYCLIN-DEPENDENT PROTEIN KINASE INHIBITOR, CRYSTALLINE FORM THEREOF AND PREPARATION METHOD THEREFOR**
[54] **SULFONATE HYDROXYETHYLIQUE D'UN INHIBITEUR DE PROTEINE KINASE DEPENDANT DE LA CYCLINE, FORME CRISTALLINE DE CELUI-CI ET LEUR PROCEDE DE PREPARATION**
[72] WU, GUAILI, CN
[72] GAO, XIAOHUI, CN
[72] JIA, JUNLEI, CN
[71] JIANGSU HENGRUI MEDICINE CO., LTD., CN
[85] 2017-07-17
[86] 2016-01-12 (PCT/CN2016/070636)
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[51] **Int.Cl. A61K 31/185 (2006.01) A61P 1/04 (2006.01) A61P 1/12 (2006.01) A61P 31/12 (2006.01)**
[25] EN
[54] **USE OF TAURINE IN PREVENTION AND/OR TREATMENT OF DISEASES INDUCED BY VIRUSES OF GENUS CORONAVIRUS AND/OR GENUS ROTAVIRUS**
[54] **UTILISATION DE TAURINE POUR LA PREVENTION ET/OU LE TRAITEMENT DE MALADIES VIRALES A CORONAVIRUS ET/OU ROTAVIRUS**
[72] WANG, YONGDONG, CN
[72] CAO, JIYUAN, CN
[72] ZHU, SHIFA, CN
[72] CHENG, WEN, CN
[72] HUANG, ZHIPENG, CN
[71] GENIFARM LABORATORIES INC, CN
[71] GUANG ZHOU YUAN TU BIOLOGICAL ANG CHEMICAL TECHNOLOGY CO., LTD., CN
[85] 2017-07-17
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[51] **Int.Cl. C12N 5/09 (2010.01) A61P 35/00 (2006.01) C07K 16/44 (2006.01)**
[25] EN
[54] **METHOD FOR OBTAINING HIGH-YIELD, STABLE EXPRESSION CELL CLONES AND ANTIBODY MOLECULES OBTAINED THEREBY**
[54] **PROCEDE D'OBTENTION DE CLONES CELLULAIRES D'EXPRESSION STABLE A HAUT RENDEMENT ET MOLECULES D'ANTICORPS AINSI OBTENUES**
[72] CHEA, MEYLEN, CU
[72] PALACIOS, JULIO, CU
[72] ARIAS, MIGUEL, CU
[72] CALVO, LOANY, CU
[72] GONZALEZ, TAMARA, CU
[72] PEREZ, ROLANDO, CU
[72] BAI, ZHI, CN
[72] LIU, YUEMAO, CN
[72] XIAO, KAIHENG, CN
[72] CHEN, XIAO, CN
[72] HE, ZHENHUA, CN
[72] CAI, YANGLIU, CN
[72] YANG, ZHENHUA, CN
[72] BAI, XIANHONG, CN
[71] BIOTECH PHARMACEUTICAL CO. LTD, CN
[71] CENTRO DE INMUNOLOGIA MOLECULAR, CU
[85] 2017-07-17
[86] 2016-03-11 (PCT/CN2016/076135)
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[25] EN
[54] **ANTI-GLYCOPROTEIN ANTIBODIES AND USES THEREOF**
[54] **ANTICORPS ANTI-GLYCOPROTEINES ET LEURS UTILISATIONS**
[72] BROWN, PAMELA, US
[72] LEE, GEOFFREY F., US
[72] DUTZAR, BENJAMIN, US
[72] MULLIGAN, JENNY A., US
[72] ALLISON, DANIEL S., US
[72] OJALA, ETHAN W., US
[72] SINGH, AMARJEET, US
[71] ALDER BIOPHARMACEUTICALS, INC., US
[85] 2017-07-14
[86] 2016-01-15 (PCT/US2016/013701)
[87] (WO2016/115521)
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[25] EN
[54] **BEVERAGE WITH COLLAGEN AND ADDITIONAL ADDITIVES**
[54] **BOISSON AVEC DU COLLAGENE ET DES ADDITIFS SUPPLEMENTAIRES**
[72] KAMCHAROV, ALEXANDER EVGENIEVICH, RU
[72] SEELE, MARTIN, DE
[72] YOVCHEV, TIHOMIR GEORGIEV, BG
[72] DRAGANOV, YAVOR NIKOLAEV, BG
[72] PIECK, JURGEN, CH
[71] WELLDRINKS LTD, BG
[85] 2017-07-17
[86] 2015-12-11 (PCT/IB2015/059563)
[87] (WO2016/113613)
[30] BG (2935) 2015-01-16

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[51] **Int.Cl. C07D 333/12 (2006.01) A61K 31/192 (2006.01) A61K 31/343 (2006.01) A61K 31/381 (2006.01) A61K 31/428 (2006.01) A61K 31/4418 (2006.01) A61K 31/4436 (2006.01) A61P 3/00 (2006.01) A61P 29/00 (2006.01) C07C 57/58 (2006.01) C07D 213/64 (2006.01) C07D 277/60 (2006.01) C07D 307/79 (2006.01) C07D 333/24 (2006.01) C07D 333/60 (2006.01) C07D 409/10 (2006.01)**
[25] EN
[54] **COMPOUNDS CONTAINING CARBON-CARBON LINKER AS GPR120 AGONISTS**
[54] **COMPOSES CONTENANT UNE SEQUENCE DE LIAISON CARBONE-CARBONE EN TANT QU'AGONISTES GPR120**
[72] SHARMA, RAJIV, US
[72] KUMAR, SANJAY, IN
[72] MAHAJAN, VISHAL, IN
[72] BAJAJ, KOMAL, IN
[72] GODSE, PALLAVI, IN
[71] PIRAMAL ENTERPRISES LIMITED, IN
[85] 2017-07-17
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[25] EN
[54] **AQUEOUS COATING COMPOSITION**
[54] **COMPOSITION DE REVETEMENT AQUEUSE**
[72] TAKAYAMA, DAISUKE, JP
[72] TONOMURA, HIRONORI, JP
[72] MATSUSHIMA, NAOTO, JP
[72] NAKAHARA, SHUICHI, JP
[71] KANSAI PAINT CO., LTD., JP
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[51] **Int.Cl. B60L 11/18 (2006.01) B60L 3/00 (2006.01) B60R 21/00 (2006.01)**
[25] EN
[54] **PARKING ASSISTANCE DEVICE**
[54] **DISPOSITIF D'AIDE AU STATIONNEMENT**
[72] TSUKAMOTO, YUKINORI, JP
[71] NISSAN MOTOR CO., LTD., JP
[85] 2017-07-17
[86] 2015-01-28 (PCT/JP2015/052291)
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[25] EN
[54] **METHOD FOR MODIFYING T CELL POPULATION**
[54] **PROCEDE DE MODIFICATION D'UNE POPULATION DE LYMPHOCYTES T**
[72] SUGIYAMA, HARUO, JP
[72] FUJIKI, FUMIHIRO, JP
[71] INTERNATIONAL INSTITUTE OF CANCER IMMUNOLOGY, INC., JP
[85] 2017-07-17
[86] 2015-12-22 (PCT/JP2015/085793)
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[25] EN
[54] **RAW MATERIAL POWDER FOR SOFT MAGNETIC POWDER, AND SOFT MAGNETIC POWDER FOR DUST CORE**
[54] **POUDRE DE MATIERE PREMIERE POUR POUDRE A AIMANTATION TEMPORAIRE ET POUDRE A AIMANTATION TEMPORAIRE POUR NOYAU MAGNETIQUE A BASE DE POUDRE**
[72] TAKASHITA, TAKUYA, JP
[72] KOBAYASHI, AKIO, JP
[72] NAKAMURA, NAOMICHI, JP
[71] JFE STEEL CORPORATION, JP
[85] 2017-07-17
[86] 2016-02-08 (PCT/JP2016/000641)
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[25] EN
[54] **HEAT-RETAINING ARTICLE**
[54] **ARTICLE DE RETENUE DE CHALEUR**
[72] INOUE, KAZUHIRO, JP
[72] SHIBATA, HIROTATSU, JP
[71] GOLDWIN INC., JP
[71] GOLDWIN TECHNICAL CENTER INC., JP
[85] 2017-07-17
[86] 2016-01-12 (PCT/JP2016/050722)
[87] (WO2016/121492)
[30] JP (2015-012820) 2015-01-26
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[51] **Int.Cl. C10G 29/22 (2006.01) B01D 53/14 (2006.01) B01J 20/26 (2006.01) C10G 29/02 (2006.01) C10L 3/10 (2006.01)**
[25] EN
[54] **COMPOSITION FOR REMOVING SULFUR-CONTAINING COMPOUNDS**
[54] **COMPOSITION POUR L'ELIMINATION DE COMPOSES SOUFRES**
[72] SUZUKI, TAKAHIRO, JP
[72] SAITOU, YUUSUKE, JP
[71] KURARAY CO., LTD., JP
[85] 2017-07-17
[86] 2016-01-26 (PCT/JP2016/052157)
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[30] JP (2015-015380) 2015-01-29

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[13] A1
[51] **Int.Cl. C12P 1/00 (2006.01) C12M 1/14 (2006.01) C12M 3/04 (2006.01) C12N 7/00 (2006.01) C12P 21/00 (2006.01)**
[25] EN
[54] **METHOD OF PRODUCING SUBSTANCE**
[54] **PROCEDE DE PRODUCTION DE SUBSTANCE**
[72] HAGIHARA, MASAHIKO, JP
[72] SHIMIZU, MOTOHISA, JP
[72] WADA, YUKINORI, JP
[71] UBE INDUSTRIES, LTD., JP
[85] 2017-07-17
[86] 2016-01-26 (PCT/JP2016/052207)
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[30] JP (2015-012834) 2015-01-26

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[51] **Int.Cl. C12N 5/077 (2010.01) C08J 9/00 (2006.01) C12N 1/00 (2006.01)**
[25] EN
[54] **CELL CULTURE METHOD USING BONE MARROW-LIKE STRUCTURE, AND POROUS POLYIMIDE FILM FOR HEALING BONE INJURY SITE**
[54] **PROCEDE DE CULTURE CELLULAIRE UTILISANT UNE STRUCTURE DE TYPE MOELLE OSSEUSE, ET MEMBRANE POREUSE DE POLYIMIDE POUR LE TRAITEMENT DE SITE D'ENDOMMAGEMENT OSSEUX**
[72] OHTA, KEISUKE, JP
[72] HIRASHIMA, SHINGO, JP
[72] HAGIHARA, MASAHIKO, JP
[72] SHIMIZU, MOTOHISA, JP
[71] UBE INDUSTRIES, LTD., JP
[71] KURUME UNIVERSITY, JP
[85] 2017-07-17
[86] 2016-01-26 (PCT/JP2016/052215)
[87] (WO2016/121771)
[30] JP (2015-012696) 2015-01-26
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[51] **Int.Cl. E21B 19/24 (2006.01)**
[25] EN
[54] **POSITIONING ARRANGEMENT, ROD HANDLING DEVICE, DRILL RIG AND METHOD FOR POSITIONING OF A DRILL ROD**
[54] **SYSTEME DE POSITIONNEMENT, DISPOSITIF DE MANIPULATION DE TIGE, APPAREIL DE FORAGE ET PROCEDE POUR LE POSITIONNEMENT D'UNE TIGE DE FORAGE**
[72] HANNA, JAN, SE
[72] NAGARAJ, VENUGOPAL, IN
[71] ATLAS COPCO ROCK DRILLS AB, SE
[85] 2017-07-17
[86] 2016-01-14 (PCT/SE2016/050016)
[87] (WO2016/118063)
[30] SE (1550039-0) 2015-01-19

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[51] **Int.Cl. C07D 241/36 (2006.01) C07D 401/14 (2006.01) C07D 403/12 (2006.01)**
[25] EN
[54] **QUINAZOLINE AND QUINOLINE COMPOUNDS AND USES THEREOF**
[54] **COMPOSES QUINAZOLINE ET QUINOLEINE, ET UTILISATIONS DE CEUX-CI**
[72] FREEZE, BRIAN SCOTT, US
[72] GIGSTAD, KENNETH M., US
[72] JANOWICK, DAVID A., US
[72] LEE, HONG MYUNG, US
[72] SHI, ZHAN, US
[72] SOUCY, FRANCOIS, US
[72] VYSKOCIL, STEPAN, US
[71] MILLENNIUM PHARMACEUTICALS, INC., US
[85] 2017-07-14
[86] 2016-01-20 (PCT/US2016/014026)
[87] (WO2016/118565)
[30] US (62/105,387) 2015-01-20

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[13] A1
[51] **Int.Cl. A01K 5/02 (2006.01)**
[25] EN
[54] **ANIMAL FEED PREPARATION SYSTEM**
[54] **PROCEDE DE PREPARATION D'ALIMENTS POUR ANIMAUX**
[72] ZLOCHEVSKIY, SERGEY VALEREVICH, RU
[71] ZLOCHEVSKIY, SERGEY VALEREVICH, RU
[85] 2017-07-17
[86] 2016-06-24 (PCT/RU2016/000386)
[87] (WO2016/209118)
[30] RU (2015125346) 2015-06-26

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[51] **Int.Cl. E21B 47/12 (2012.01) E21B 47/13 (2012.01)**
[25] EN
[54] **ANTENNA FOR DOWNHOLE COMMUNICATION USING SURFACE WAVES**
[54] **ANTENNE POUR COMMUNICATION DE FOND DE TROU A L'AIDE D'ONDES DE SURFACE**
[72] ROBERSON, MARK W., US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2017-07-17
[86] 2015-03-11 (PCT/US2015/019868)
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[51] **Int.Cl. B43K 25/00 (2006.01)**
[25] EN
[54] **PERSONAL CARE PRODUCT DISPENSER UTILIZING A SHOTGUN SHELL**
[54] **DISTRIBUTEUR DE PRODUIT DE SOINS PERSONNELS UTILISANT UNE CARTOUCHE DE FUSIL**
[72] FORREY, WAYNE S., US
[71] FORREY, WAYNE S., US
[85] 2017-07-17
[86] 2015-02-04 (PCT/US2015/014442)
[87] (WO2016/126245)

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[51] **Int.Cl. H01G 11/54 (2013.01) H01G 11/64 (2013.01) H01G 11/84 (2013.01)**
[25] EN
[54] **ADDITIVES FOR REDUCING ESR GAIN IN ELECTROCHEMICAL DOUBLE LAYER CAPACITORS**
[54] **ADDITIFS POUR REDUIRE LE GAIN DE RESISTANCE SERIE EQUIVALENTE (ESR) DANS DES CONDENSATEURS ELECTROCHIMIQUES A DOUBLE COUCHE**
[72] LANE, GEORGE HAMILTON, AU
[72] RUDISUELA, KEN, CA
[72] DONADIO, SUSAN CAROL, US
[71] IOXUS, INC., US
[85] 2017-07-14
[86] 2016-01-21 (PCT/US2016/014221)
[87] (WO2016/122952)
[30] US (14/605,114) 2015-01-26

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[51] **Int.Cl. A61K 31/192 (2006.01) A61K 31/195 (2006.01) A61K 31/197 (2006.01) A61K 47/18 (2017.01)**
[25] EN
[54] **INTRAVENOUS BACLOFEN FORMULATIONS AND TREATMENT METHODS**
[54] **COMPOSITIONS INTRAVEINEUSES DE BACLOFENE ET METHODES DE TRAITEMENT ASSOCIEES**
[72] CLOYD, JIM, US
[72] GOMEZ, ADOLFO, US
[72] KRACH, LINDA, US
[72] KRIEL, ROBERT, US
[72] SCHROGIE, JOHN, US
[72] TUCKER, STEPHEN, US
[72] TUOHY, ROB, US
[71] ALLAYSIS, LLC, US
[71] REGENTS OF THE UNIVERSITY OF MINNESOTA, US
[85] 2017-07-17
[86] 2016-01-15 (PCT/US2016/013672)
[87] (WO2016/115504)
[30] US (62/103,902) 2015-01-15

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[51] **Int.Cl. B22F 7/06 (2006.01) B22F 3/02 (2006.01) E21B 10/42 (2006.01)**
[25] EN
[54] **SURFACE COATING FOR METAL MATRIX COMPOSITES**
[54] **REVETEMENT DE SURFACE POUR COMPOSITES A MATRICE METALLIQUE**
[72] COOK, GRANT O., III, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2017-07-17
[86] 2015-03-02 (PCT/US2015/018323)
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[51] **Int.Cl. A23L 2/00 (2006.01)**
[25] EN
[54] **COMPOSITIONS CONTAINING DEFINED CAFFEINE AND THEOBROMINE LEVELS WITH ENHANCED COGNITIVE PROPERTIES**
[54] **COMPOSITION CONTENANT DES TAUX DEFINIS DE CAFEINE ET DE THEOBROMINE AYANT DES PROPRIETES COGNITIVES AMELIOREES**
[72] CROZIER, STEPHEN, US
[72] NAIR, MALATHY, US
[72] ARENTZ, HEATHER, US
[71] THE HERSHEY COMPANY, US
[85] 2017-07-17
[86] 2015-12-05 (PCT/US2015/064144)
[87] (WO2016/090346)
[30] US (62/088,367) 2014-12-05
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[51] **Int.Cl. B29D 7/01 (2006.01) B28B 11/24 (2006.01) B32B 3/10 (2006.01) B32B 23/00 (2006.01) B32B 23/02 (2006.01) B32B 37/06 (2006.01) B32B 37/10 (2006.01) B32B 37/14 (2006.01)**
[25] EN
[54] **CONCRETE CURING BLANKET AND METHOD**
[54] **BACHE DE DURCISSEMENT DE BETON ET PROCEDE ASSOCIE**
[72] RICHARDS, RANDALL C., US
[72] CROWEL, GARY M., US
[71] RAMSHORN CORPORATION, US
[85] 2017-07-17
[86] 2015-12-31 (PCT/US2015/068312)
[87] (WO2016/122831)
[30] US (62/110,526) 2015-01-31
[30] US (14/709,747) 2015-05-12

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[51] **Int.Cl. E21B 47/12 (2012.01) E21B 47/13 (2012.01) E21B 47/06 (2012.01)**
[25] EN
[54] **SYNCHRONIZING DOWNHOLE COMMUNICATIONS USING TIMING SIGNALS**
[54] **SYNCHRONISATION DES COMMUNICATIONS DE FOND DE TROU A L'AIDE DE SIGNAUX DE SYNCHRONISATION**
[72] ROBERSON, MARK W., US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2017-07-17
[86] 2015-03-11 (PCT/US2015/019857)
[87] (WO2016/144345)

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[51] **Int.Cl. C12N 15/113 (2010.01) C12N 15/82 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR CONTROLLING LEPTINOTARSA**
[54] **COMPOSITIONS ET METHODES DE LUTTE CONTRE LEPTINOTARSA**
[72] BEATTIE, JODI LYNN, US
[72] CRAWFORD, MICHAEL JOHN, US
[72] EADS, BRIAN DONOVAN, US
[72] FLAGEL, LEX EVAN, US
[72] KAPOOR, MAHAK, US
[72] TAYLOR, CHRISTINA MARIE, US
[71] MONSANTO TECHNOLOGY LLC, US
[85] 2017-07-14
[86] 2016-01-21 (PCT/US2016/014344)
[87] (WO2016/118762)
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[51] **Int.Cl. C07C 9/14 (2006.01) C07C 9/16 (2006.01)**
[25] EN
[54] **FRAGRANCE AND FLAVOR COMPOSITIONS COMPRISING NEOPENTYL GLYCOL DIACETATE**
[54] **COMPOSITIONS D'AROME ET DE FRAGRANCE COMPRENANT DU DIACETATE DE NEOPENTYLGLYCOL**
[72] FOLEY, PATRICK, US
[72] SALAM, TANIA, US
[72] YANG, YONGHUA, US
[71] P2 SCIENCE, INC., US
[85] 2017-07-17
[86] 2016-01-22 (PCT/US2016/014557)
[87] (WO2016/118882)
[30] US (62/107,219) 2015-01-23
[30] US (62/181,480) 2015-06-18

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[51] **Int.Cl. A63B 37/00 (2006.01) A63B 37/02 (2006.01) A63B 37/08 (2006.01) A63B 37/12 (2006.01) A63B 37/14 (2006.01)**
[25] EN
[54] **SPORTS TRAINING BALL AND METHOD OF MANUFACTURING A SPORTS TRAINING BALL**
[54] **BALLE D'ENTRAINEMENT SPORTIF ET PROCEDE DE FABRICATION D'UNE BALLE D'ENTRAINEMENT SPORTIF**
[72] GUMP, LAURA, US
[72] FITZGERALD, JIM, US
[71] SWAX LAX LLC, US
[85] 2017-07-14
[86] 2016-01-22 (PCT/US2016/014500)
[87] (WO2016/118846)
[30] US (62/106,476) 2015-01-22
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[51] **Int.Cl. H04N 5/225 (2006.01)**
[25] EN
[54] **VIDEO TRANSMISSION BASED ON INDEPENDENTLY ENCODED BACKGROUND UPDATES**
[54] **EMISSION VIDEO BASEE SUR DES MISES A JOUR D'ARRIERE-PLAN CODEES INDEPENDAMMENT**
[72] KORNELIUSSEN, JAN TORE, NO
[72] EIKENES, ANDERS, NO
[72] ALSTAD, HAVARD PEDERSEN, NO
[72] ERIKSEN, STEIN OVE, NO
[72] SHAW, EAMONN, NO
[71] HUDDLY INC., US
[85] 2017-07-17
[86] 2016-01-22 (PCT/US2016/014584)
[87] (WO2016/118897)
[30] US (14/603,212) 2015-01-22
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[51] **Int.Cl. G02B 6/44 (2006.01)**
[25] EN
[54] **BREAKOUT CANISTER FOR OPTICAL TRUNK CABLE**
[54] **BOITIER DE BRANCHEMENT POUR FAISCEAU DE CABLES OPTIQUES**
[72] MARCHEK, KYLE, US
[72] SAWYER, TOM, US
[71] AFL TELECOMMUNICATIONS LLC, US
[85] 2017-07-14
[86] 2016-01-26 (PCT/US2016/014899)
[87] (WO2016/123092)
[30] US (62/107,901) 2015-01-26
[30] US (62/127,606) 2015-03-03
[30] US (62/213,956) 2015-09-03

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[13] A1
[51] **Int.Cl. C07D 471/06 (2006.01) A61P 43/00 (2006.01) C07D 457/12 (2006.01) C07D 495/06 (2006.01)**
[25] EN
[54] **ISOERGOLINE COMPOUNDS AND USES THEREOF**
[54] **COMPOSES D'ISOERGOLINE ET LEURS UTILISATIONS**
[72] ARMER, THOMAS, US
[72] MCKINLEY, GEOFF, US
[72] BORLAND, SCOTT, US
[72] GUZMAN, MIGUEL, US
[71] XOC PHARMACEUTICALS, INC., US
[85] 2017-07-17
[86] 2016-01-20 (PCT/US2016/013978)
[87] (WO2016/118539)
[30] US (62/105,207) 2015-01-20

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[51] **Int.Cl. A61K 39/42 (2006.01) A61K 39/395 (2006.01) C07K 16/00 (2006.01) C12N 7/00 (2006.01)**
[25] EN
[54] **EQUINE IMMUNOGLOBULIN COMPOSITIONS AND USES FOR TREATING FILOVIRUS-MEDIATED DISEASES**
[54] **COMPOSITIONS D'IMMUNOGLOBULINE EQUINE ET UTILISATIONS POUR LE TRAITEMENT DE MALADIES A MEDIATION PAR UN FILOVIRUS**
[72] HOLTSBERG, FREDERICK WAYNE, US
[72] AMAN, MOHAMMAD JAVAD, US
[72] WALZ, PAUL H., US
[72] OSTROWSKI, STEPHANIE R., US
[71] INTEGRATED BIOTHERAPEUTICS, INC., US
[71] AUBURN UNIVERSITY, US
[85] 2017-07-17
[86] 2016-01-28 (PCT/US2016/015257)
[87] (WO2016/123280)
[30] US (62/109,042) 2015-01-28

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[13] A1
[51] **Int.Cl. C07D 457/12 (2006.01) A61K 31/48 (2006.01) A61P 25/06 (2006.01) A61P 25/16 (2006.01)**
[25] EN
[54] **ERGOLINE COMPOUNDS AND USES THEREOF**
[54] **COMPOSES D'ERGOLINE ET LEURS UTILISATIONS**
[72] ARMER, THOMAS, US
[72] MCKINLEY, GEOFF, US
[72] BORLAND, SCOTT, US
[72] GUZMAN, MIGUEL, US
[72] SZABOLCS, ARMIN, HU
[72] GERENCSER, JANOS, HU
[71] XOC PHARMACEUTICALS, INC., US
[85] 2017-07-17
[86] 2016-01-20 (PCT/US2016/013980)
[87] (WO2016/118541)
[30] US (62/105,208) 2015-01-20
[30] US (15/001,252) 2016-01-20

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[13] A1
[51] **Int.Cl. A01N 43/42 (2006.01)**
[25] EN
[54] **COMBINATION THERAPIES**
[54] **POLYTHERAPIES**
[72] GOLD, DANIEL P., US
[72] QUINTELA-FANDINO, MIGUEL, ES
[71] MEI PHARMA, INC., US
[71] THE SPANISH NATIONAL CANCER RESEARCH CENTRE, ES
[85] 2017-07-17
[86] 2016-02-01 (PCT/US2016/016008)
[87] (WO2016/126618)
[30] US (62/111,030) 2015-02-02

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[13] A1
[51] **Int.Cl. E21B 34/14 (2006.01) E21B 34/10 (2006.01)**
[25] EN
[54] **BALANCED PISTON TOE SLEEVE**
[54] **PISTON EQUILIBRE MANCHON DE POINTE**
[72] GUZMAN, JESSICA, US
[72] FRISBY, RAY, US
[72] KELLEY, CALEB, US
[71] TAM INTERNATIONAL, INC., US
[85] 2017-07-17
[86] 2016-01-20 (PCT/US2016/014090)
[87] (WO2016/118601)
[30] US (62/105,607) 2015-01-20

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[13] A1
[51] **Int.Cl. A61K 39/395 (2006.01) C07K 16/00 (2006.01) C07K 16/18 (2006.01)**
[25] EN
[54] **ANTI-CD40L ANTIBODIES AND METHODS FOR TREATING CD40L-RELATED DISEASES OR DISORDERS**
[54] **ANTICORPS ANTI-CD40L ET METHODES POUR TRAITER DES MALADIES OU DES TROUBLES LIES AUX CD40L**
[72] LINCECUM, JOHN M., US
[72] JIANG, BINGBING, US
[72] PERRIN, STEVEN N., US
[72] GILL, ALAN, US
[72] GILL, CYNTHIA A., US
[72] VIEIRA, FERNANDO G., US
[71] ALS THERAPY DEVELOPMENT INSTITUTE, US
[85] 2017-07-17
[86] 2016-02-02 (PCT/US2016/016165)
[87] (WO2016/126702)
[30] US (62/111,261) 2015-02-03

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[13] A1
[51] **Int.Cl. A61N 5/06 (2006.01) F21K 99/00 (2016.01) F21V 29/70 (2015.01) F21V 99/00 (2006.01) H02G 15/02 (2006.01) H05K 7/20 (2006.01)**
[25] EN
[54] **PHOTOARRAY SYSTEM CONSTRUCTION**
[54] **STRUCTURE POUR SYSTEME DE PHOTOAGENCEMENT**
[72] BURGMANN, THOMAS A.D., CA
[71] STRONACH MEDICAL GROUP, INC., CA
[85] 2017-07-18
[86] 2015-01-26 (PCT/CA2015/000046)
[87] (WO2015/109393)
[30] US (61/931,771) 2014-01-27

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[13] A1
[51] **Int.Cl. A61N 5/06 (2006.01) F21K 99/00 (2016.01) F21V 99/00 (2006.01)**
[25] EN
[54] **PHOTOARRAY SYSTEMS WITH LOCAL SENSING**
[54] **SYSTEMES DE PHOTOAGENCEMENT AVEC DETECTION LOCALE**
[72] BURGMANN, THOMAS A.D., CA
[71] STRONACH MEDICAL GROUP, INC., CA
[85] 2017-07-18
[86] 2015-01-26 (PCT/CA2015/000097)
[87] (WO2015/109396)
[30] US (61/931,771) 2014-01-27

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[13] A1
[51] **Int.Cl. E21B 43/26 (2006.01) E21B 34/06 (2006.01)**
[25] EN
[54] **MULTISTAGE HIGH PRESSURE FRACTURING SYSTEM WITH COUNTING SYSTEM**
[54] **SYSTEME DE FRACTURATION HAUTE PRESSION A ETAGES MULTIPLES AVEC SYSTEME DE COMPTAGE**
[72] GRAF, ROBERT JAMES, CA
[72] SMOLKA, ROBERT STEVE, CA
[71] COMPLETIONS RESEARCH AG, CH
[85] 2017-07-18
[86] 2015-07-21 (PCT/CA2015/050682)
[87] (WO2016/115617)
[30] CA (PCT/CA2015/050046) 2015-01-23

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[51] **Int.Cl. G06Q 20/38 (2012.01) G06Q 20/36 (2012.01) G06Q 20/40 (2012.01) H04L 9/08 (2006.01) H04L 9/32 (2006.01) H04L 12/14 (2006.01)**
[25] EN
[54] **SECURE PROCESSING OF ELECTRONIC PAYMENTS**
[54] **TRAITEMENT SECURISE DE PAIEMENTS ELECTRONIQUES**
[72] LEE, TERRY W., CA
[72] ORTIZ, EDISON U., CA
[72] SCOTT, STEPHEN JAMES, CA
[72] WOO, GABRIEL Y., CA
[72] YIN, WEIQIANG, CA
[72] DINN, JUDY, CA
[72] LAM, CHAI, CA
[71] ROYAL BANK OF CANADA, CA
[85] 2017-07-18
[86] 2016-01-19 (PCT/CA2016/000014)
[87] (WO2016/115620)
[30] US (62/105,061) 2015-01-19
[30] US (62/188,067) 2015-07-02
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[13] A1
[51] **Int.Cl. A61K 47/42 (2017.01) A61K 9/19 (2006.01) A61K 31/337 (2006.01) A61P 35/00 (2006.01) C07D 305/14 (2006.01) C07K 14/47 (2006.01)**
[25] EN
[54] **DRUG COMPLEXES COMPRISING ALPHA-FETOPROTEIN**
[54] **COMPLEXES MEDICAMENTEUX COMPRENANT UNE ALPHA-FETOPROTEINE**
[72] BELLO , ANGELICA MARA, CA
[72] KOTRA, LAKSHMI P., CA
[72] PAIGE, CHRISTOPHER JOHN, CA
[72] SHERMAN, IGOR, CA
[71] UNIVERSITY HEALTH NETWORK, CA
[85] 2017-07-18
[86] 2016-01-26 (PCT/CA2016/000023)
[87] (WO2016/119045)
[30] US (62/108,609) 2015-01-28

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[51] **Int.Cl. C07D 471/04 (2006.01) A61K 31/4745 (2006.01) A61K 51/04 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **FLUORINATED IMIDAZO[4,5-C]QUINOLINE DERIVATIVES AS INHIBITORS OF BROMODOMAIN CONTAINING PROTEINS**
[54] **DERIVES IMIDAZO[4,5-C]QUINOLEINE FLUORES UTILISES EN TANT QU'INHIBITEURS DE PROTEINES CONTENANT UN BROMODOMAINE**
[72] SLASSI, ABDELMALIK, CA
[72] DOVE, PETER, CA
[71] TRILLIUM THERAPEUTICS INC., CA
[85] 2017-07-18
[86] 2016-02-03 (PCT/CA2016/050097)
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[30] US (62/111,251) 2015-02-03

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[51] **Int.Cl. A01K 61/00 (2017.01) A01K 79/00 (2006.01)**
[25] EN
[54] **METHOD AND DEVICE FOR TAKING UP FISH FROM A BODY OF WATER**
[54] **PROCEDE ET DISPOSITIF PERMETTANT DE PRELEVER DES POISSONS DEPUIS UNE ETENDUE D'EAU**
[72] EGGE, MATS ABRAHAM, NO
[72] WILLASSEN, TORE, NO
[71] SEA SOUL AS, NO
[85] 2017-07-18
[86] 2015-01-21 (PCT/EP2015/051052)
[87] (WO2015/110441)
[30] NO (20140066) 2014-01-21

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[13] A1
[51] **Int.Cl. E04B 1/344 (2006.01)**
[25] EN
[54] **FOLD-OUT PREFABRICATED STRUCTURE**
[54] **STRUCTURE PREFABRIQUEE DEPLIABLE**
[72] VIDAL DE LA FUENTE, ANGEL, ES
[71] VIDAL DE LA FUENTE, ANGEL, ES
[85] 2017-07-18
[86] 2015-01-20 (PCT/ES2015/070034)
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[13] A1
[51] **Int.Cl. G01N 33/574 (2006.01)**
[25] EN
[54] **LUNG CANCER'S BIOMARKERS AND THEIR METHODS AND DIAGNOSTIC KIT**
[54] **BIOMARQUEURS DU CANCER DU POUMON ET LEURS PROCEDES ET LEUR KIT DE DIAGNOSTIC**
[72] PINTO, ALDO, IT
[72] AQUINO, RITA PATRIZIA, IT
[72] SORRENTINO, ROSALINDA, IT
[72] TERLIZZI, MICHELA, IT
[71] IMMUNEPHARMA S.R.L., IT
[85] 2017-07-18
[86] 2015-02-19 (PCT/IB2015/051262)
[87] (WO2015/125098)
[30] IT (RM2014A000080) 2014-02-24

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[51] **Int.Cl. C07C 67/03 (2006.01) C07C 67/02 (2006.01) C07C 69/28 (2006.01) C09K 5/06 (2006.01)**
[25] EN
[54] **LATENT HEAT STORAGE USING RENEWABLE PHASE CHANGE MATERIALS**
[54] **STOCKAGE DE CHALEUR LATENTE UTILISANT DES MATERIAUX A CHANGEMENT DE PHASE RENOUVELABLES**
[72] FLOROS, MICHAEL C., CA
[72] NARINE, SURESH S., CA
[71] TRENT UNIVERSITY, CA
[85] 2017-07-18
[86] 2016-01-11 (PCT/IB2016/050112)
[87] (WO2016/120738)
[30] US (14/605,344) 2015-01-26

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[51] **Int.Cl. F17C 13/00 (2006.01) F02C 6/16 (2006.01) F17C 1/00 (2006.01) F25J 1/00 (2006.01) F25J 5/00 (2006.01) F28D 20/00 (2006.01)**
[25] EN
[54] **COMPRESSED GAS ENERGY STORAGE SYSTEM**
[54] **SYSTEME DE STOCKAGE D'ENERGIE DE GAZ COMPRIME**
[72] NARINE, SURESH S., CA
[72] TESSIER, MICHAEL, CA
[71] TRENT UNIVERSITY, CA
[85] 2017-07-18
[86] 2016-01-19 (PCT/IB2016/050254)
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[30] US (14/605,468) 2015-01-26

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[13] A1
[51] **Int.Cl. A61K 33/38 (2006.01) A61K 9/06 (2006.01) A61P 31/04 (2006.01)**
[25] EN
[54] **TOPICAL ANTIBIOTIC FORMULATIONS**
[54] **FORMULATIONS ANTIBIOTIQUES TOPIQUES**
[72] LAMPERT, SHALOM, IL
[72] ANTELMAN, PERRY, US
[72] MADHAVAN, BHARAT, US
[72] STEIN, JOSHUA STEVEN, US
[72] ALTABET, ELIA, US
[71] AIDANCE SKINCARE & TOPICAL SOLUTIONS LLC, US
[85] 2017-07-18
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[87] (WO2015/111032)
[30] US (61/931,944) 2014-01-27

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[13] A1
[51] **Int.Cl. A61K 47/12 (2006.01) A61K 9/08 (2006.01) A61K 47/10 (2017.01)**
[25] EN
[54] **CRYSTALLINE FORMS OF EFINACONAZOLE**
[54] **FORMES CRISTALLINES D'EFINACONAZOLE**
[72] ADIN, ITAI, IL
[72] ELAZARI-SHALOM, HILA, IL
[72] RORILK, ORI, IL
[72] SERY, YANA, IL
[71] PERRIGO API LTD, IL
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[30] US (62/105,390) 2015-01-20

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[51] **Int.Cl. C12Q 1/68 (2006.01) G06F 19/28 (2011.01) G06F 17/30 (2006.01)**
[25] EN
[54] **PATHOLOGY DETERMINATION ASSISTANCE DEVICE, METHOD, PROGRAM AND STORAGE MEDIUM**
[54] **DISPOSITIF, PROCEDE, PROGRAMME ET SUPPORT D'ENREGISTREMENT D'AIDE A LA DETERMINATION DE PATHOLOGIE**
[72] KINOSHITA, MORITOSHI, JP
[72] HIGASHIYAMA, RYO, JP
[72] KOGA, DAISUKE, JP
[71] OTSUKA PHARMACEUTICAL CO., LTD., JP
[85] 2017-07-18
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[51] **Int.Cl. B05D 1/36 (2006.01) B05D 7/24 (2006.01) B32B 27/18 (2006.01)**
[25] EN
[54] **METHOD FOR FORMING MULTILAYER COATING FILM**
[54] **PROCEDE DE FORMATION DE FILM DE REVETEMENT MULTICOUCHE**
[72] TAKAYAMA, DAISUKE, JP
[72] TONOMURA, HIRONORI, JP
[72] MATSUSHIMA, NAOTO, JP
[72] NAKAHARA, SHUICHI, JP
[71] KANSAI PAINT CO., LTD., JP
[85] 2017-07-18
[86] 2015-12-10 (PCT/JP2015/084654)
[87] (WO2016/121238)
[30] JP (2015-015883) 2015-01-29

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[25] EN
[54] **AQUEOUS COATING COMPOSITION**
[54] **COMPOSITION DE REVETEMENT AQUEUSE**
[72] TAKAYAMA, DAISUKE, JP
[72] TONOMURA, HIRONORI, JP
[72] MATSUSHIMA, NAOTO, JP
[72] NAKAHARA, SHUICHI, JP
[71] KANSAI PAINT CO., LTD., JP
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[86] 2015-12-10 (PCT/JP2015/084682)
[87] (WO2016/121242)
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[25] EN
[54] **METHOD FOR PREPARING MOGROSIDE**
[54] **PROCEDE DE PREPARATION DE MOGROSIDE**
[72] OCHIAI, MISA, JP
[72] ONO, EIICHIRO, JP
[71] SUNTORY HOLDINGS LIMITED, JP
[85] 2017-07-18
[86] 2016-01-19 (PCT/JP2016/051416)
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[25] EN
[54] **METHOD FOR FORMING MULTILAYER COATING FILM**
[54] **PROCEDE DE FORMATION D'UN FILM DE REVETEMENT MULTICOUCHE**
[72] TAKAYAMA, DAISUKE, JP
[72] TONOMURA, HIRONORI, JP
[72] MATSUSHIMA, NAOTO, JP
[72] NAKAHARA, SHUICHI, JP
[71] KANSAI PAINT CO., LTD., JP
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[87] (WO2016/121239)
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[25] EN
[54] **MIR-92 INHIBITORS AND USES THEREOF**
[54] **INHIBITEURS DE MIR-92 ET UTILISATIONS ASSOCIEES**
[72] DALBY, CHRISTINA MARIE, US
[72] GALLANT-BEHM, CORRIE LYNN, US
[72] JACKSON, AIMEE, US
[72] HUTNICK, KATHRYN, US
[72] SETO, ANITA, US
[71] MIRAGEN THERAPEUTICS, INC., US
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[86] 2016-01-20 (PCT/US2016/014108)
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[25] EN
[54] **IDENTIFICATION OF EPIGENETIC BIOMARKERS IN THE SALIVA OF CHILDREN WITH AUTISM SPECTRUM DISORDER**
[54] **IDENTIFICATION DE BIOMARQUEURS EPIGENETIQUES DANS LA SALIVE D'ENFANTS PRESENTANT UN TROUBLE DU SPECTRE AUTISTIQUE**
[72] HICKS, STEVEN D., US
[72] MIDDLETON, FRANK A., US
[71] THE RESEARCH FOUNDATION FOR THE STATE UNIVERSITY OF NEW YORK, US
[85] 2017-07-18
[86] 2016-01-20 (PCT/US2016/014182)
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[30] US (62/106,107) 2015-01-21
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[25] EN
[54] **TRANSPORTABLE LIGHTING SYSTEM**
[54] **SYSTEME D'ECLAIRAGE TRANSPORTABLE**
[72] GOWANLOCK, MATTHEW, CA
[71] APOLLO ENERGY SERVICES CORP., CA
[85] 2017-07-18
[86] 2015-12-17 (PCT/IB2015/059745)
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[51] **Int.Cl. C08F 299/04 (2006.01) C08G 65/08 (2006.01) C08G 75/14 (2006.01)**
[25] EN
[54] **BIO-REDUCIBLE SELF-ASSEMBLED LIQUID CRYSTALLINE BLOCK COPOLYMER FOR DRUG DELIVERY**
[54] **COPOLYMERES SEQUENCES A CRISTAUX LIQUIDES AUTO-ASSEMBLES, BIO-REDUCTIBLES, DESTINES A L'ADMINISTRATION MEDICAMENTEUSE**
[72] LU, XIULING, US
[72] KASI, RAJESWARI, US
[72] TRAN, THANH-HUYEN, US
[72] NGUYEN, CHI THANH, US
[71] UNIVERSITY OF CONNECTICUT, US
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[86] 2015-10-15 (PCT/US2015/055660)
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[51] **Int.Cl. G02B 27/01 (2006.01) G02B 3/02 (2006.01) G02B 5/18 (2006.01)**
[25] EN
[54] **METHODS AND SYSTEM FOR CREATING FOCAL PLANES USING AN ALVAREZ LENS**
[54] **PROCEDES ET SYSTEME DE CREATION DE PLANS FOCAUX A L'AIDE D'UNE LENTILLE D'ALVAREZ**
[72] TEKOLSTE, ROBERT D., US
[71] MAGIC LEAP, INC., US
[85] 2017-07-18
[86] 2016-01-22 (PCT/US2016/014616)
[87] (WO2016/118918)
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[51] **Int.Cl. H04L 12/16 (2006.01) H04W 4/00 (2009.01) H04L 9/32 (2006.01) H04L 12/12 (2006.01) H04L 12/24 (2006.01)**
[25] EN
[54] **HIGHLY SCALABLE, FAULT TOLERANT REMOTE ACCESS ARCHITECTURE AND METHOD OF CONNECTING THERETO**
[54] **ARCHITECTURE D'ACCES A DISTANCE HAUTEMENT EVOLUTIVE ET INSENSIBLE AUX DEFAILLANCES, ET PROCEDE DE CONNEXION ASSOCIE**
[72] STEPHURE, MATTHEW, CA
[72] JARABEK, CHRISTOPHER JAMES, CA
[72] KIDDLE, CAMERON, CA
[72] NEITZ, JONATHAN CHRISTOPHER, CA
[72] GARRETT, CHRISTOPHER JAMES, CA
[72] ROBINSON, KEVIN GLEN, CA
[71] CALGARY SCIENTIFIC INC., CA
[85] 2017-07-18
[86] 2016-01-29 (PCT/IB2016/000277)
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[51] **Int.Cl. B60B 35/02 (2006.01) B60G 9/04 (2006.01) B60G 21/055 (2006.01)**
[25] EN
[54] **VEHICLE TWIST AXLE ASSEMBLY**
[54] **ENSEMBLE ESSIEU DE TORSION DE VEHICULE**
[72] CHELIKANI, ABHINAND, US
[72] MORITZ, PATRICK DANIEL, DE
[72] HALBAUER, JOHANNES PETER, AT
[72] SINGH, SUKHDEEP, US
[72] LANGWORTHY, KEVIN RICHARD, US
[71] MAGNA INTERNATIONAL INC., CA
[85] 2017-07-18
[86] 2016-02-10 (PCT/US2016/017284)
[87] (WO2016/133753)
[30] US (62/118,748) 2015-02-20

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[25] EN
[54] **FLOWLINE AND INJECTON TEE FOR FRAC SYSTEM**
[54] **CONDUITE D'ECOULEMENT ET TE D'INJECTION POUR SYSTEME DE FRACTURATION**
[72] AYRES, ANA, US
[72] CHAN, KWONG-ONN, US
[72] WILLIAMS, JASON, US
[72] HEGDE, GAJANAN, US
[71] GE OIL & GAS PRESSURE CONTROL LP, US
[85] 2017-07-18
[86] 2016-01-20 (PCT/US2016/014082)
[87] (WO2016/118596)
[30] US (62/105,355) 2015-01-20
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[25] EN
[54] **COMPOSITION AND METHODS TO IMPROVE STABILITY, DOSING, PHARMACODYNAMICS AND PRODUCT SHELF LIFE OF ENDOCANNABINOIDS, PHYTOCANNABINOIDS AND SYNTHETIC CANNABINOIDS DELIVERED BY NASAL INHALER**
[54] **COMPOSITION ET PROCEDES POUR AMELIORER LA STABILITE, LE DOSAGE, LA PHARMACODYNAMIE ET LA DUREE DE VALIDITE DES CANNABINOIDES ENDOGENES, DES CANNABINOIDES VEGETAUX ET DES CANNABINOIDES SYNTHETIQUES ADMINISTRES PAR UN INHALATEUR NASAL**
[72] WILLINSKY, MICHAEL, CA
[71] WILLINSKY, MICHAEL, CA
[85] 2017-07-19
[86] 2016-01-18 (PCT/CA2016/000010)
[87] (WO2017/054071)
[30] US (USSN 62/125,392) 2015-01-21

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[51] **Int.Cl. A61K 47/42 (2017.01) C12N 5/07 (2010.01) A61K 9/10 (2006.01) A61K 47/36 (2006.01) A61L 27/20 (2006.01) A61L 27/24 (2006.01) A61L 27/44 (2006.01) A61L 27/60 (2006.01) A61P 17/02 (2006.01)**
[25] EN
[54] **ENGINEERED TISSUE SUBSTITUTE SYSTEM**
[54] **SYSTEME DE SUBSTITUT TISSULAIRE ARTIFICIEL**
[72] GHAHARY, AZIZ, CA
[72] HARTWELL, RYAN, CA
[71] THE UNIVERSITY OF BRITISH COLUMBIA, CA
[85] 2017-07-19
[86] 2016-02-03 (PCT/CA2016/000032)
[87] (WO2016/123693)
[30] US (62/112,883) 2015-02-06

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[13] A1
[51] **Int.Cl. C07C 211/46 (2006.01)**
[25] EN
[54] **NOVEL MONOTHIOL MUCOLYTIC AGENTS**
[54] **NOUVEAUX AGENTS MUCOLYTIQUES AU MONOTHIOL**
[72] JOHNSON, MICHAEL ROSS, US
[72] THELIN, WILLIAM R., US
[71] PARION SCIENCES, INC., US
[85] 2017-07-18
[86] 2016-01-28 (PCT/US2016/015353)
[87] (WO2016/123335)
[30] US (62/109,999) 2015-01-30

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[13] A1
[51] **Int.Cl. A61M 5/315 (2006.01) A61M 5/31 (2006.01) A61M 5/20 (2006.01)**
[25] EN
[54] **METHOD AND DEVICE FOR CAPTURING A DOSE DIALING EVENT**
[54] **PROCEDE ET DISPOSITIF POUR CAPTURER UN EVENEMENT DE REGLAGE DE DOSE**
[72] DESPA, MIRCEA STEFAN, US
[72] BULLIVANT, HARRY, GB
[72] RICHARDS, ANDREW, US
[72] ALLAN, MICHAEL, GB
[72] HSIEH, MARK, GB
[72] KANKANALA, SUNDEEP, US
[72] WILSON, DYLAN, US
[71] BECTON, DICKINSON AND COMPANY, US
[85] 2017-07-18
[86] 2016-01-21 (PCT/US2016/014304)
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[25] EN
[54] **METHOD FOR MAKING AN OPTICAL ELEMENT HAVING A TEXTURED SURFACE AND AN OPTICAL ELEMENT HAVING A TEXTURED SURFACE**
[54] **PROCEDE DE FABRICATION D'UN ELEMENT OPTIQUE AYANT UNE SURFACE TEXTUREE ET ELEMENT OPTIQUE AYANT UNE SURFACE TEXTUREE**
[72] MORASSE, BERTRAND, CA
[71] CORACTIVE HIGH-TECH INC., CA
[85] 2017-07-19
[86] 2016-01-15 (PCT/CA2016/050034)
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[30] US (62/112,373) 2015-02-05

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[51] **Int.Cl. A01M 1/04 (2006.01)**
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[54] **LAMPE ANTI-MOUSTIQUES**
[72] ZHENG, JUN, CN
[72] NING, YUAN'AI, CN
[71] NINGBO DAYANG INDUSTRY AND TRADE CO., LTD, CN
[85] 2017-07-19
[86] 2015-11-02 (PCT/CN2015/000745)
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[30] CN (201520712890.9) 2015-09-15

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[51] **Int.Cl. B65D 81/26 (2006.01) B65D 81/22 (2006.01)**
[25] EN
[54] **STORAGE PRODUCT AND METHOD**
[54] **PRODUIT ET PROCEDE DE STOCKAGE**
[72] ERICKSON, GARY ROY, AU
[71] COOLSAN HYGIENE SOLUTIONS PTY LTD, AU
[85] 2017-07-19
[86] 2015-03-18 (PCT/AU2015/000153)
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[30] AU (2014900941) 2014-03-18

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[51] **Int.Cl. H05B 3/28 (2006.01) H05B 3/18 (2006.01)**
[25] EN
[54] **CERAMIC ELECTRIC HEATING ELEMENT**
[54] **ELEMENT CHAUFFANT ELECTRIQUE EN CERAMIQUE**
[72] LEIGH, PETER, CN
[71] CHONGQING LE-MARK CERAMIC TECHNOLOGY CO. LTD., CN
[85] 2017-07-19
[86] 2016-08-16 (PCT/CN2016/095420)
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[51] **Int.Cl. B26B 1/04 (2006.01)**
[25] EN
[54] **POWER-ASSISTED FOLDING KNIFE**
[54] **COUTEAU PLIANT ASSISTE**
[72] WANG, WEIYI, CN
[71] HANGZHOU GREAT STAR TOOLS CO., LTD., CN
[71] HANGZHOU GREAT STAR INDUSTRIAL CO., LTD., CN
[85] 2017-07-19
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[51] **Int.Cl. A61K 31/7028 (2006.01) A61K 9/08 (2006.01) A61P 31/04 (2006.01)**
[25] EN
[54] **AQUEOUS SOLUTION FORMULATIONS OF VANCOMYCIN**
[54] **FORMULATIONS DE SOLUTIONS AQUEUSES DE VANCOMYCINE**
[72] CHEN, ANDREW XIAN, US
[71] LATITUDE PHARMACEUTICALS, INC., US
[85] 2017-07-18
[86] 2016-02-05 (PCT/US2016/016829)
[87] (WO2016/127087)
[30] US (62/113,322) 2015-02-06

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[51] **Int.Cl. B65B 1/16 (2006.01) B65G 53/26 (2006.01)**
[25] EN
[54] **AUTOMATED VACUUM ACTUATED CONTROL**
[54] **COMMANDE ACTIONNEE PAR LE VIDE AUTOMATISEE**
[72] KELLY, RAYMOND BURTEEN, US
[71] IPEG, INC., US
[85] 2017-07-18
[86] 2016-02-12 (PCT/US2016/017657)
[87] (WO2016/130874)
[30] US (62/115,219) 2015-02-12

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[51] **Int.Cl. F15B 13/02 (2006.01)**
[25] EN
[54] **MULTI-WAY VALVE AND MULTI-WAY VALVE SKID THEREOF**
[54] **SOUPAPE MULTI-POSITION ET PATIN DE SOUPAPE MULTI-POSITION ASSOCIE**
[72] WAN, MINGMIN, CN
[72] YAO, JIANSHE, CN
[72] WANG, HAO, CN
[72] ZHU, LIYUN, CN
[72] GAO, ZHI, CN
[71] WUHU KING-BULL INFORTEC PETROLEUM EQUIPMENT CO., LTD, CN
[71] KELAMAYI KING-BULL INFORTEC PETROLEUM EQUIPMENT CO., LTD., CN
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[51] **Int.Cl. C12N 15/63 (2006.01) A61K 39/235 (2006.01) C12N 15/861 (2006.01)**
[25] EN
[54] **METHODS AND COMPOSITIONS FOR COMBINATION IMMUNOTHERAPY**
[54] **METHODES ET COMPOSITIONS D'IMMUNOTHERAPIE COMBINEE**
[72] JONES, FRANK R., US
[72] GABITZSCH, ELIZABETH, US
[72] LATCHMAN, YVETTE, US
[72] RICE, ADRIAN, US
[71] ETUBICS CORPORATION, US
[85] 2017-07-05
[86] 2016-01-07 (PCT/US2016/012496)
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[30] US (62/101,969) 2015-01-09
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[51] **Int.Cl. C01B 33/107 (2006.01) B01J 8/18 (2006.01) B01J 19/02 (2006.01)**
[25] EN
[54] **FLUIDIZED BED REACTOR FOR PREPARING CHLOROSILANES**
[54] **REACTEUR A LIT FLUIDISE UTILISE POUR PRODUIRE DES CHLOROSILANES**
[72] BABL, MAXIMILIAN, DE
[72] LIEBISCHER, SEBASTIAN, DE
[71] WACKER CHEMIE AG, DE
[85] 2017-07-19
[86] 2016-03-16 (PCT/EP2016/055723)
[87] (WO2016/156047)
[30] DE (102015205727.5) 2015-03-30

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[51] **Int.Cl. C12Q 1/68 (2006.01)**
[25] EN
[54] **COMBINED SIZE-AND COUNT-BASED ANALYSIS OF MATERNAL PLASMA FOR DETECTION OF FETAL SUBCHROMOSOMAL ABERRATIONS**
[54] **ANALYSE COMBINEE, BASEE SUR LA TAILLE ET LE COMPTAGE DE PLASMA MATERNEL, POUR LA DETECTION D'ABERRATIONS SOUS-CHROMOSOMIQUES FOETALES**
[72] LO, YUK-MING DENNIS, CN
[72] CHIU, ROSSA WAI KWUN, CN
[72] CHAN, KWAN CHEE, CN
[72] JIANG, PEIYONG, CN
[72] YU, CHEUK YIN JANDY, CN
[71] THE CHINESE UNIVERSITY OF HONG KONG, CN
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[30] US (62/107,227) 2015-01-23

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[51] **Int.Cl. C12Q 1/68 (2006.01)**
[25] EN
[54] **CONTEXT DEPENDENT DIAGNOSTICS TEST FOR GUIDING CANCER TREATMENT**
[54] **ESSAI DE DIAGNOSTIC DEPENDANT DU CONTEXTE POUR GUIDER LE TRAITEMENT DU CANCER**
[72] DETTMAN, ELISHA J., US
[72] CARDONE, MICHAEL H., US
[71] EUTROPICS PHARMACEUTICALS, INC., US
[85] 2017-07-11
[86] 2016-01-12 (PCT/US2016/013003)
[87] (WO2016/115105)
[30] US (62/102,499) 2015-01-12

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[51] **Int.Cl. C12N 5/00 (2006.01) C12N 5/07 (2010.01) C08J 9/28 (2006.01) C12M 1/00 (2006.01) C12M 3/00 (2006.01) C12N 1/16 (2006.01) C12N 1/20 (2006.01)**
[25] EN
[54] **LONG-TERM CELL-CULTIVATION USING POLYIMIDE POROUS MEMBRANE AND CELL-CRYOPRESERVATION METHOD USING POLYIMIDE POROUS MEMBRANE**
[54] **CULTURE DE CELLULES A LONG TERME UTILISANT UNE MEMBRANE POREUSE EN POLYIMIDE ET PROCEDE DE CRYOCONSERVATION DE CELLULES UTILISANT LADITE MEMBRANE POREUSE EN POLYIMIDE**
[72] HAGIHARA, MASAHIKO, JP
[72] SHIMIZU, MOTOHISA, JP
[72] WADA, YUKINORI, JP
[71] UBE INDUSTRIES, LTD., JP
[85] 2017-07-18
[86] 2016-01-26 (PCT/JP2016/052206)
[87] (WO2016/121767)
[30] JP (2015-012537) 2015-01-26
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[51] **Int.Cl. B65G 1/00 (2006.01)**
[25] EN
[54] **APPARATUS FOR POSITIONING AN AUTOMATED LIFTING STORAGE CART AND RELATED METHODS**
[54] **APPAREIL DE POSITIONNEMENT D'UN CHARIOT DE STOCKAGE ELEVATEUR AUTOMATISE ET PROCEDES ASSOCIES**
[72] TERRILL, MIKE, US
[72] RAMANKUTTY, MOHAN, US
[72] BRUMM, CHRISTOPHER, US
[72] MITCHELL, PAT, US
[72] TIPTON, RODNEY, US
[71] SWISSLOG LOGISTICS, INC., US
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[54] **COMPOSITIONS AND METHODS FOR INHIBITING VIRAL INFECTION**
[54] **COMPOSITIONS ET METHODE D'INHIBITION D'UNE INFECTION VIRALE**
[72] SCHLESINGER, LARRY, US
[72] YOUNT, JACOB, US
[72] ZUKIWSKI, ALEXANDER, US
[72] PRONIUK, STEFAN, US
[72] TUNON, MARIA JESUS, ES
[72] ZANDI, KEIVAN, MY
[71] ARNO THERAPEUTICS, INC., US
[71] OHIO STATE INNOVATION FOUNDATION, US
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[54] **KETAL COMPOUNDS AND USES THEREOF**
[54] **COMPOSES DE CETAL ET LEURS UTILISATIONS**
[72] BECHTOLD, KEVIN JON, US
[71] GFBIOCHEMICALS LIMITED, MT
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[54] **METHODS FOR PREPARATION OF CANNABIS OIL EXTRACTS AND COMPOSITIONS**
[54] **PROCEDES DE PREPARATION D'EXTRAITS D'HUILE DE CANNABIS ET COMPOSITIONS**
[72] FINLEY, CONSTANCE, US
[72] MCKEE, LUKE, US
[72] POOLE BESTWICK, HALEY, US
[72] ROETHLE, PAUL, US
[71] CONSTANCE THERAPEUTICS, INC., US
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[54] **HEAT EXCHANGER BLOCK AND HEAT RECOVERY VENTILATION UNIT COMPRISING IT**
[54] **BLOC D'ECHANGEUR DE CHALEUR ET UNITE DE VENTILATION A RECUPERATION DE CHALEUR COMPRENANT CELUI-CI**
[72] HIRSCH, CHRISTIAN, DE
[71] ZEHNDER GROUP INTERNATIONAL AG, CH
[85] 2017-07-19
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[54] **MULTIPLE-EMULSION NUCLEIC ACID AMPLIFICATION**
[54] **AMPLIFICATION D'ACIDES NUCLEIQUES EN EMULSIONS MULTIPLES**
[72] ABATE, ADAM R., US
[72] LIM, SHAUN, US
[72] SUKOVICH, DAVID, US
[72] LANCE, SHEA THOMPSON, US
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
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[71] CANCER RESEARCH TECHNOLOGY LIMITED, GB
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[54] **OUTIL DE RETRAIT DE TUBAGE ET PROCEDES D'UTILISATION POUR L'ABANDON DE PUITS**
[72] ROBERTSON, MICHAEL C., US
[72] GRATTAN, ANTONY F., US
[72] STREIBICH, DOUGLAS J., US
[72] BOELTE, WILLIAM F., US
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[54] **INTERLOCKING WEAR-RESISTANT PANEL SYSTEM**
[54] **SYSTEME DE PANNEAUX RESISTANT A L'USURE AVEC IMBRICATION**
[72] BARIC, ZDENKO, AU
[72] STEAD, RODNEY JAMES, AU
[71] FLSMIDTH A/S, DK
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[54] **SEQUENCING OF NUCLEIC ACIDS VIA BARCODING IN DISCRETE ENTITIES**
[54] **SEQUENCAGE D'ACIDES NUCLEIQUES CONTENUS DANS DES ENTITES INDIVIDUELLES PAR BARCODING**
[72] ABATE, ADAM R., US
[72] HALIBURTON, JOHN, US
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[54] **BAGUE DE CHARGE POUR SOULEVEMENT PAR ASCENSEUR D'UNE ENVELOPPE AYANT UN REFOULEMENT**
[72] HAWKINS, SAMUEL P., US
[72] LATIOLAIS, BURNEY J., US
[72] LUTGRING, KEITH T., US
[72] MOODY, BRAXTON I., US
[72] SAICHUK, JOHN K.M., US
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[54] **SYSTEME DE VISEE**
[72] VARDI, RAN, IL
[71] SENSIGHT LTD., IL
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[54] **METHOD AND SYSTEM FOR AUTOMATIC EYESIGHT DIAGNOSIS**
[54] **PROCEDE ET SYSTEME POUR LE DIAGNOSTIC AUTOMATIQUE DE LA VUE**
[72] GREEN, MICHAL, IL
[71] GREEN C.TECH LTD, IL
[85] 2017-07-19
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[54] **BOARD CARRIER**
[54] **PORTE-PLANCHE**
[72] CURNUTTE, PAUL, US
[72] KATZ, JEREMY R., US
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[54] **COMPOSITION AUTO-EMULSIFIANTE D'ACIDE GRAS OMEGA-3**
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[72] FUJII, HIROSATO, JP
[72] YAMAGATA, MOTOO, JP
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[54] **SYSTEME D'APPORT DE CHALEUR**
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[71] OSAKA GAS CO., LTD., JP
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[54] **SYSTEME DE PREHENSION A TIMONERIE EXCENTRIQUE**
[72] KRUEGER V, RUDOLPH, ERNST, US
[71] WWT NORTH AMERICA HOLDINGS, INC., US
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[54] **PROCEDES ET SYSTEMES D'ADMINISTRATION DE MEDICAMENT**
[72] NETZEL, ZITA S., US
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[72] NORMAN, ALEXANDER DAVID, US
[72] HUANG, CONGYI, US
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[72] GELSTON, KEVIN W., US
[72] DARMOUR, JENNIFER, US
[72] HAPGOOD, JENNY E., US
[72] ROTH, DAVID EVANS, US
[72] OVERBECK, RONALD A., US
[72] TONG, LING-KANG, US
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[54] **WASTE HEAT RECOVERY DEVICE, HEAT SUPPLY SYSTEM, AND OPERATION METHOD FOR WASTE HEAT RECOVERY DEVICE**
[54] **DISPOSITIF DE RECUPERATION DE CHALEUR D'ECHAPPEMENT, SYSTEME D'APPORT DE CHALEUR ET PROCEDE DE FONCTIONNEMENT POUR DISPOSITIF DE RECUPERATION DE CHALEUR D'ECHAPPEMENT**
[72] SHIBATA, YOSHITAKA, JP
[71] OSAKA GAS CO., LTD., JP
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[54] **COMPLEXES DE METALLOGLYCOPROTEINES ET LEUR UTILISATION COMME COMPOSES CHIMIOTHERAPEUTIQUES**
[72] MANDEL, ARKADY, CA
[71] THERALASE TECHNOLOGIES, INC., CA
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[54] **NOVEL SALT OF FUSED PYRIMIDINE COMPOUND AND CRYSTAL THEREOF**
[54] **NOUVEAU SEL DE COMPOSE DE PYRIMIDINE CONDENSE, ET CRISTAUX DE CELUI-CI**
[72] OSHIUMI, HIROMI, JP
[71] TAIHO PHARMACEUTICAL CO., LTD., JP
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[54] **ECG ELECTRODE SNAP CONNECTOR AND ASSOCIATED METHODS**
[54] **CONNECTEUR A ENCLIQUETAGE D'ELECTRODE D'ECG ET PROCEDES ASSOCIES**
[72] MAREK, MONTE, US
[71] MEDICOMP, INCORPORATED, US
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[54] **SIGNALING METHODS AND APPARATUS**
[54] **PROCEDES DE SIGNALISATION, ET APPAREIL**
[72] FAY, LUKE, US
[72] MICHAEL, LACHLAN, JP
[72] SCHNEIDER, DANIEL, DE
[72] STADELMEIER, LOTHAR, DE
[72] ATUNGSIRI, SAMUEL, GB
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[54] **SYSTEMES, PROCEDES ET APPAREIL DE SELECTION DE VARIETE D'ENTREE DE CULTURE**
[72] BAITINGER, DAVID J., US
[72] BORROWMAN, ERIC L., US
[72] HEATHCOTE, CHAD A., US
[72] THIELEN, ANDREW D., US
[71] MONSANTO TECHNOLOGY LLC, US
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[72] KANEKIYO, MASARU, US
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[54] **COMPOSITION AND METHOD FOR TREATMENT OF STAINS IN TEXTILES**
[54] **COMPOSITION ET PROCEDE POUR LE TRAITEMENT DE TACHES SUR DES TEXTILES**
[72] CHRISTENSEN, STEPHEN B., US
[72] BULL, JESSICA R., US
[72] WEEKS, KIRSTEN M., US
[72] LOCK, DAWN N., US
[72] PHAM, JOANNA AI, US
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[54] **DISPOSITIF DE COMMANDE D'URGENCE**
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[71] DAK CO., LTD., JP
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[54] **SYNERGISTIC GRANULAR HERBICIDAL COMPOSITIONS**
[54] **COMPOSITIONS HERBICIDES GRANULAIRES SYNERGIQUES**
[72] LEATHERWOOD, WILLIAM ROLAND, US
[72] COHEN, ARIANA, US
[72] SCHACKOW, REBECCA, US
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[54] **EXECUTION D'INSTRUCTIONS DE FLUX DE DONNEES DE MEMOIRE D'OBJET**
[72] FRANK, STEVEN J., US
[72] REBACK, LARRY, US
[71] ULTRATA, LLC, US
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[54] **COMPOSITIONS ET METHODES DE TRAITEMENT DES MICROBES**
[72] KOLLER, NEAL, US
[72] RODEHEAVER, GEORGE, US
[72] BISTLINE, JOHN, JR., US
[72] COATES, STEVEN, US
[71] PLUROGEN THERAPEUTICS, LLC, US
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[54] **COMPOSES ANTI-NET POUR TRAITER OU PREVENIR LA FIBROSE ET POUR FACILITER LA CICATRISATION DES PLAIES**
[72] WAGNER, DENISA D., US
[72] WONG, SIU LING, US
[71] THE CHILDREN'S MEDICAL CENTER CORPORATION, US
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[54] **STABLE SOLID FINGOLIMOD DOSAGE FORMS**
[54] **FORME GALENIQUE SOLIDE STABLE DE FINGOLIMOD**
[72] LIU, FANGYU, US
[71] HANDA PHARMACEUTICALS, LLC, US
[85] 2017-07-19
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[51] **Int.Cl. A61B 8/00 (2006.01) G01N 29/06 (2006.01)**
[25] EN
[54] **APPARATUSES, SYSTEMS, AND METHODS FOR PRECLINICAL ULTRASOUND IMAGING OF SUBJECTS**
[54] **APPAREILS, SYSTEMES, ET PROCEDES POUR L'IMAGERIE PRE-CLINIQUE DE SUJETS PAR ULTRASONS**
[72] DAYTON, PAUL ALEXANDER, US
[72] GESSNER, RYAN CHRISTOPHER, US
[72] BUTLER, JAMES OWEN, US
[72] HARLACHER, MAX STEPHEN, US
[72] NORMAN, NICHOLAS ALLAN, US
[71] THE UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL, US
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[25] EN
[54] **SOLID BUFFER MATERIALS FOR ELECTROLYTE SOLUTIONS AND FLOW BATTERIES UTILIZING SAME**
[54] **MATERIAUX DE TAMPON SOLIDE POUR DES SOLUTIONS ELECTROLYTIQUES ET BATTERIES REDOX METTANT EN ŒUVRE CES DERNIERS**
[72] GOELTZ, JOHN, US
[71] LOCKHEED MARTIN ADVANCED ENERGY STORAGE, LLC, US
[85] 2017-07-19
[86] 2016-01-21 (PCT/US2016/014362)
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[54] **OBJECT BASED MEMORY FABRIC**
[54] **TISSU DE MEMOIRE BASEE SUR UN OBJET**
[72] FRANK, STEVEN J., US
[72] REBACK, LARRY, US
[71] ULTRATA, LLC, US
[85] 2017-07-19
[86] 2016-01-20 (PCT/US2016/014013)
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[30] US (62/105,482) 2015-01-20
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[54] **METHODS AND APPARATUS FOR BALANCE SUPPORT SYSTEMS**
[54] **PROCEDES ET APPAREIL POUR DES SYSTEMES DE SUPPORT EN EQUILIBRE**
[72] MCBRIDE, KEITH, US
[71] MCBRIDE, KEITH, US
[85] 2017-07-19
[86] 2016-02-02 (PCT/US2016/016129)
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[54] **NATURAL GAS REACTORS AND METHODS**
[54] **REACTEURS A GAZ NATUREL ET PROCEDES**
[72] KING, FORREST A., US
[71] KING, FORREST A., US
[85] 2017-07-19
[86] 2016-01-27 (PCT/US2016/015141)
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[54] **METHODS AND APPARATUS FOR BODY WEIGHT SUPPORT SYSTEM**
[54] **PROCEDES ET APPAREIL POUR SYSTEME DE SUPPORT DE POIDS CORPOREL**
[72] MCBRIDE, KEITH, US
[71] BIONESS INC., US
[85] 2017-07-19
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[54] **DISTRIBUTED INDEX FOR FAULT TOLERANT OBJECT MEMORY FABRIC**
[54] **INDEX REPARTI POUR MATRICE DE MEMOIRE D'OBJETS TOLERANTE AUX PANNES**
[72] FRANK, STEVEN J., US
[72] REBACK, LARRY, US
[71] ULTRATA, LLC, US
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[54] **IMPROVED BYPASS ELECTROLYSIS SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE D'ELECTROLYSE DE DERIVATION AMELIORES**
[72] KING, FORREST A., US
[71] KING, FORREST A., US
[85] 2017-07-19
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[25] EN
[54] **SYSTEM AND METHOD FOR PREDICTING HEALTHCARE COSTS**
[54] **SYSTEME ET PROCEDE POUR LA PREDICTION DE COUTS DE SOINS DE SANTE**
[72] WEI, HENRY G., US
[72] STEINBERG, GREGORY B., US
[72] REISMAN, LONNY, US
[71] AETNA INC., US
[85] 2017-07-19
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[51] **Int.Cl. B26B 15/00 (2006.01)**
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[54] **A CONNECTION DEVICE AND DRIVE ASSEMBLY FOR A CUTTING TOOL**
[54] **DISPOSITIF DE LIAISON ET ENSEMBLE D'ENTRAINEMENT POUR OUTIL DE COUPE**
[72] GERBER, JOHN BRUCE HOWARD, AU
[72] GERBER, DAVID EUGENE, AU
[72] BLATTMANN, LEE, AU
[71] GERBER, JOHN BRUCE HOWARD, AU
[85] 2017-07-20
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[54] **METHOD AND SYSTEM OF ELECTRONIC VOTING IMPLEMENTED IN A PORTABLE DEVICE**
[54] **PROCEDE ET SYSTEME DE VOTE ELECTRONIQUE IMPLEMENTE DANS UN DISPOSITIF PORTABLE**
[72] CORREA PARKER, CESAR RAMON JUAN, CL
[71] CORREA PARKER, CESAR RAMON JUAN, CL
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[25] EN
[54] **PRODUCTION OF OMEGA 3 FATTY ACIDS BY RECOMBINANT ESCHERICHIA COLI NISSLE 1917**
[54] **PRODUCTION D'ACIDES GRAS OMEGA 3 EN RECOMBINANT L'ESCHERICHIA COLI NISSLE 1917**
[72] AMIRI-JAMI, MITRA, CA
[72] GRIFFITHS, MANSEL W., CA
[71] AMIRI-JAMI, MITRA, CA
[71] GRIFFITHS, MANSEL W., CA
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[25] EN
[54] **3D PRINTING DEVICE FOR PRODUCING A SPATIALLY EXTENDED PRODUCT**
[54] **DISPOSITIF D'IMPRESSION 3D SERVANT A LA PRODUCTION D'UN PRODUIT S'ETENDANT AXIALEMENT**
[72] LISSOTSCHENKO, VITALIJ, DE
[71] LILAS GMBH, DE
[22] 2016-12-15
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[30] DE (10 2015 122 130.6) 2015-12-17
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[25] EN
[54] **ALGORITHM FOR EFFICIENTLY BREAKING A MATERIAL**
[54] **ALGORITHME PERMETTANT DE BRISER EFFICACEMENT UN MATERIAU**
[72] MOUNFIELD, WILLIAM PRATT, JR., US
[72] PAPPAFOTIS, PAUL JOHN, US
[71] HONEYWELL INTERNATIONAL INC., US
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[25] EN
[54] **MANUFACTURE AND USE OF A STARCH-BASED SUBSTITUTE FIBER MATERIAL**
[54] **FABRICATION ET UTILISATION D'UN MATERIAU FIBREUX SUBSTITUE A BASE D'AMIDON**
[72] BURR, MICHAEL S., US
[72] DAVIDSON, JILL A., US
[72] SCOTT, RONALD R., US
[72] BRADLEY, CATHERINE M. K., US
[71] PURINA ANIMAL NUTRITION LLC, US
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[25] EN
[54] **METHOD OF FEEDING ANIMALS PHYTASE PRODUCTS**
[54] **METHODE D'ALIMENTATION D'ANIMAUX AUX PRODUITS RENFERMANT DE LA PHYTASE**
[72] MILLER, BILL L., US
[72] CALDWELL, JAMES D., US
[71] PURINA ANIMAL NUTRITION LLC, US
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[54] **TEXTILE ORTHOTIC WITH CUFF**
[54] **ORTHESE TEXTILE A REVERS**
[72] SLASKI, JEAN-PIERRE, FR
[71] LABORATOIRES INNOTHERA, FR
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[25] EN
[54] **CHIMERIC ANTIGEN RECEPTORS TARGETING EPIDERMAL GROWTH FACTOR RECEPTOR VARIANT III**
[54] **RECEPTEURS D'ANTIGENE CHIMERIQUE DE VARIANT III DU RECEPTEUR DU FACTEUR DE CROISSANCE EPIDERMIQUE**
[72] WONG, OI KWAN, US
[72] CHOU, JOYCE CHING, US
[72] DUSSEAUX, MATHILDE BRUNNHILDE, FR
[72] SMITH, JULIANNE, US
[71] PFIZER INC., US
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[25] EN
[54] **ANTIBODIES SPECIFIC FOR EPIDERMAL GROWTH FACTOR RECEPTOR VARIANT III**
[54] **ANTICORPS SPECIFIQUES DE VARIANT III DU RECEPTEUR DU FACTEUR DE CROISSANCE EPIDERMIQUE**
[72] WONG, OI KWAN, US
[72] CHOU, JOYCE CHING, US
[71] PFIZER INC., US
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[25] EN
[54] **FIREPLACE SYSTEM, HEAT EXCHANGER AND METHOD**
[54] **SYSTEME DE FOYER, ECHANGEUR DE CHALEUR ET METHODE**
[72] LITTLE, ROBERT, CA
[72] MILLS, JULIAN, CA
[71] FPI FIREPLACE PRODUCTS INTERNATIONAL LTD., CA
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[51] **Int.Cl. H01B 7/28 (2006.01) H01B 9/00 (2006.01)**
[25] EN
[54] **APPARATUS, SYSTEM AND METHOD FOR TREATMENT OF AN ELECTRIC SUBMERSIBLE PUMP POWER CABLE**
[54] **APPAREIL, SYSTEME ET METHODE DE TRAITEMENT D'UN CABLE D'ALIMENTATION DE POMPE SUBMERSIBLE ELECTRIQUE**
[72] GLASSCOCK, TERRY L., US
[72] KNEIP, PETER J., US
[72] GOTTSCHALK, THOMAS JOHN, US
[72] KASHWER, BRENT KEITH, US
[71] SUMMIT ESP, LLC, US
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[51] **Int.Cl. B65D 5/18 (2006.01) B65D 5/52 (2006.01)**
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[54] **RETAIL READY CONTAINER AND METHOD OF DEPLOYING SAME**
[54] **CONTENANT PRET POUR LA VENTE AU DETAIL ET PROCEDE D'INSTALLATION ASSOCIE**
[72] DECELLO, THOMAS E., US
[72] LITTLE, TROY M., US
[71] GYRE INNOVATIONS, LLC, US
[22] 2012-11-19
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[25] EN
[54] **DURABLE MULTI-LAYER HIGH STRENGTH POLYMER COMPOSITE SUITABLE FOR IMPLANT AND ARTICLES PRODUCED THEREFROM**
[54] **COMPOSITE POLYMERE DE HAUTE RESISTANCE, MULTICOUCHES, DURABLE, APPROPRIE POUR UN IMPLANT ET ARTICLES FABRIQUES A PARTIR DE CELUI-CI**
[72] BRUCHMAN, WILLIAM C., US
[72] HARTMAN, CODY L., US
[71] W. L. GORE & ASSOCIATES, INC., US
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[54] **A METHOD AND APPARATUS FOR THE PRODUCTION OF A CASTING**
[54] **PROCEDE ET APPAREIL POUR LA PRODUCTION D'UNE PIECE COULEE**
[72] PEZZUTTI, JAMES VERNON, AU
[72] O'LEARY, EWAN, AU
[71] WEIR MINERALS AUSTRALIA LTD, AU
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[54] **PROGRAM GUIDE SYSTEM WITH VIDEO-ON-DEMAND BROWSING**
[54] **SYSTEME DE GUIDE DE PROGRAMMES AVEC EXPLORATION DE VIDEOS A LA DEMANDE**
[72] ELLIS, MICHAEL D., US
[71] ROVI GUIDES, INC., US
[22] 1999-05-18
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[25] EN
[54] **SYSTEM, METHOD, AND APPARATUS FOR MANAGING WASTEWATER TREATMENT INSTALLATION**
[54] **SYSTEME, METHODE ET APPAREIL POUR LA GESTION D'INSTALLATION DE TRAITEMENT DES EAUX USEES**
[72] GRAVES, GREGORY D., US
[71] SERVICE PRO MONITORING, LLC, US
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[54] **SYSTEMS AND METHODS FOR IMPROVED AUDIENCE MEASURING**
[54] **SYSTEMES ET PROCEDES PERMETTANT UNE MESURE AMELIOREE DE L'AUDIENCE**
[72] BEREZOWSKI, DAVID M., US
[72] ELLIS, MICHAEL D., US
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[54] **COMPTE-AGRAFES SANS FIL**
[72] BINDRA, MANJIT SINGH, IN
[72] RAMLINGAM, PRABHU, IN
[71] TYCO HEALTHCARE GROUP LP, US
[22] 2010-10-05
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[54] **THREE WHEELED VEHICLE**
[54] **VEHICULE A TROIS ROUES**
[72] HOLROYD, JAMES A. J., US
[72] ZILIAK, MARK ALAN, US
[72] ARAMAYO, GUSTAVO A., US
[72] WIEST, MATHEW BRADLEY, US
[72] UTTER, BRIAN T., US
[72] BENNETT, JEFFREY D., US
[72] HOHENSTIEN, JASON J., US
[72] TOMOLILLO, VITTORIO, US
[72] GASS, DONALD BRETT, DE
[71] POLARIS INDUSTRIES INC., US
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[51] **Int.Cl. H04W 8/08 (2009.01) H04W 12/06 (2009.01) G06Q 30/00 (2012.01)**
[25] EN
[54] **SYSTEM PROVIDING RELEVANT SERVICES TO TRANSIENT DEVICES IN WIRELESS NETWORKS AND METHODS THEREOF**
[54] **SYSTEME FOURNISSANT DES SERVICES PERTINENTS AUX DISPOSITIFS TRANSITOIRES D'UN RESEAU SANS FIL ET METHODES CONNEXES**
[72] HILLIER, PETER MATTHEW, CA
[71] MITEL NETWORKS CORPORATION, CA
[22] 2012-06-15
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[54] **POSITIONING SYSTEM**
[54] **SYSTEME DE POSITIONNEMENT**
[72] MORRISON, RUSSELL GAVIN, GB
[72] HELLIWELL, ALASDAIR WARD, GB
[72] LANCASHIRE, DAVID CHARLES, GB
[72] DIXON, CHARLES STEPHEN, GB
[71] ASTRIUM LIMITED, GB
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[51] **Int.Cl. A61K 31/566 (2006.01) A61P 15/02 (2006.01) A61P 15/12 (2006.01)**
[25] EN
[54] **IMPROVEMENT OF SEXUAL AROUSAL, SEXUAL DESIRE, ORGASM AND/OR PLEASURE FOLLOWING INTRAVAGINAL PRASTERONE (DHEA) ADMINISTRATION IN WOMEN NOT SUFFERING OR INDEPENDENTLY FROM DYSPAREUNIA OR OTHER SYMPTOMS OF VULVO-VAGINAL ATROPHY**
[54] **AMELIORATION DE L'EXCITATION SEXUELLE, DU DESIR SEXUEL, DE L'ORGASME ET/OU DU PLAISIR A LA SUITE D'UNE ADMINISTRATION DE PRASTERONE (DHA) INTRAVAGINALE CHEZ DES FEMMES NE SOUFFRA NT PAS DE DYSPAREUNIE OU D'AUTRES SYMPTOMES D'ATROPHIE VULVO-VAGINALE OU INDEPENDAMMENT DE CEUX-CI**
[72] LABRIE, FERNAND, CA
[71] ENDORECHERCHE, INC., CA
[22] 2013-07-19
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[62] 2,879,648
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[51] **Int.Cl. G09G 5/10 (2006.01) G09F 9/33 (2006.01) G09G 3/32 (2016.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR CONTROL OF MULTIPLE DISPLAYS**
[54] **APPAREIL ET PROCEDE DE COMMANDE DE MULTIPLES DISPOSITIFS D'AFFICHAGE**
[72] GOVER, JAMES B., US
[72] BELAND, GRAHAM N., US
[71] PRISMVIEW, LLC, US
[22] 2008-10-30
[41] 2009-05-14
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[30] US (11/936,609) 2007-11-07

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[51] **Int.Cl. H05B 37/02 (2006.01)**
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[54] **METHODS AND APPARATUSES FOR OPERATING GROUPS OF HIGH-POWER LEDS**
[54] **PROCEDES ET APPAREILS D'EXPLOITATION DE GROUPES DE DEL A HAUTE PUISSANCE**
[72] CREMER, ANTONIUS JACOBUS MARIA, NL
[72] SLOT, MACHIEL, CA
[71] ELDOLAB HOLDING B.V., NL
[22] 2006-04-07
[41] 2006-10-12
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[30] NL (1028728) 2005-04-08
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[51] **Int.Cl. C12Q 1/68 (2006.01)**
[25] EN
[54] **SYSTEM AND AMPLIFICATION OF A FETAL DNA SPECIES**
[54] **SYSTEME D'AMPLIFICATION D'UNE ESPECE D'ADN FOETAL**
[72] LO, YUK MING DENNIS, CN
[72] POON, LIT MAN, CN
[71] THE CHINESE UNIVERSITY OF HONG KONG, CN
[22] 2002-08-30
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[62] 2,887,218
[30] US (09/944951) 2001-08-31

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[51] **Int.Cl. B65B 3/28 (2006.01) B65B 9/12 (2006.01) B65B 29/00 (2006.01) B65B 29/10 (2006.01) E21D 20/02 (2006.01) G05D 11/02 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR PRODUCING RESIN CARTRIDGES**
[54] **SYSTEME ET METHODE DE REALISATION DE CARTOUCHES A RESIN**
[72] OLDSEN, JOHN G., US
[72] SIMMONS, WALTER J., US
[72] SIMMONS, W. NEAL, US
[72] MCGINNIS, ROBERT A., JR., US
[71] J-LOK CO., US
[22] 2007-09-14
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[62] 2,853,982
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[25] EN
[54] **ENERGY STORAGE DEVICE CONTROL**
[54] **CONTROLE D'UN DISPOSITIF DE STOCKAGE DE L'ENERGIE**
[72] STEFFES, PAUL J., US
[72] STEFFES, THOMAS P., US
[72] ZELLER, AUSTIN P., US
[72] FUDE, JOE E., US
[71] STEFFES CORPORATION, US
[22] 2012-04-27
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[62] 2,801,938
[30] US (61/479685) 2011-04-27
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[51] **Int.Cl. B01D 21/01 (2006.01)**
[25] EN
[54] **METHOD OF MEASURING A SLURRY FEED FOR A SOLID-LIQUID SEPARATION PROCESS**
[54] **METHODE DE MESURE D'UN APPORT DE BOUE POUR UN PROCEDE DE SEPARATION SOLIDE-LIQUIDE**
[72] LIU, YIJUN, US
[72] MARR, MICHAEL A., CA
[72] SETH, ALOK R., US
[72] RENNARD, DAVID C., CA
[72] LENART, PHILIP J., US
[71] IMPERIAL OIL RESOURCES LIMITED, CA
[71] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US
[22] 2016-03-29
[41] 2016-05-30
[62] 2,925,223

[21] **2,973,448**
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[51] **Int.Cl. H01R 4/20 (2006.01)**
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[54] **WIRE COMPRESSION CONNECTOR**
[54] **CONNECTEUR DE FILS A COMPRIMER**
[72] DINH, CONG THANH, US
[71] THOMAS & BETTS INTERNATIONAL, LLC, US
[22] 2014-03-17
[41] 2014-09-15
[62] 2,846,730
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[51] **Int.Cl. A23L 27/40 (2016.01) A23L 27/00 (2016.01) A23P 10/20 (2016.01)**
[25] EN
[54] **SALT AND INGREDIENT COMPOSITIONS**
[54] **SEL ET COMPOSITIONS D'INGREDIENTS**
[72] ADKINS, JESSICA, US
[72] ASCHAUER, MARTIN N., US
[71] CARGILL, INCORPORATED, US
[22] 2009-05-29
[41] 2009-12-23
[62] 2,724,486
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[25] EN
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[54] **UNE METHODE DE PRODUCTION DE PLANTS DE MAIS TRANSGENIQUES A PARTIR DE CALLUS D'EMBRYONS DE MAIS**
[72] DUNCAN, DAVID R., US
[72] LOWE, BRENDA, US
[72] MANN, MICHAEL T., US
[72] PETERSEN, WILLIAM L., US
[72] ROUT, JYOTI R., US
[72] SONGSTAD, DAVID D., US
[72] WILKS, JOEL B. ., US
[72] ZHANG, WANGGEN ., US
[72] AKULA, ANISHA, US
[71] MONSANTO TECHNOLOGY LLC, US
[22] 2007-08-31
[41] 2008-03-06
[62] 2,884,022
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[25] EN
[54] **SEISMIC DATA RECORDING**
[54] **ENREGISTREMENT DE DONNEES SISMIQUES**
[72] WILCOX, STEVEN WILLIAM, GB
[72] WHELAN, JOHN CHRISTOPHER, GB
[72] ALEXANDER, JONATHAN, GB
[71] SERCEL ENGLAND LIMITED, GB
[22] 2008-12-11
[41] 2009-06-28
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[21] **2,973,610**
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[51] **Int.Cl. G03G 15/08 (2006.01)**
[25] EN
[54] **POWDER CONTAINER, POWDER SUPPLY DEVICE AND IMAGE FORMING APPARATUS**
[54] **RECIPIENT DE POUDRE, DISPOSITIF DE DISTRIBUTION DE POUDRE ET APPAREIL DE FORMATION D'IMAGE**
[72] MATSUMOTO, JUNICHI, JP
[72] KAI, TSUKURU, JP
[72] HOSOKAWA, HIROSHI, JP
[72] KOMATSU, MAKOTO, JP
[72] HAYAKAWA, TADASHI, JP
[72] OZAWA, YUZURU, JP
[71] RICOH COMPANY, LTD., JP
[22] 2011-12-02
[41] 2012-06-07
[62] 2,795,123
[30] JP (2010-270370) 2010-12-03
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[21] **2,973,703**
[13] A1
[51] **Int.Cl. H04S 3/00 (2006.01) H04N 21/854 (2011.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR ADAPTIVE AUDIO SIGNAL GENERATION, CODING AND RENDERING**
[54] **SYSTEME ET PROCEDE POUR GENERATION, CODAGE ET RENDU DE SIGNAL AUDIO ADAPTATIF**
[72] ROBINSON, CHARLES Q., US
[72] TSINGOS, NICOLAS R., US
[72] CHABANNE, CHRISTOPHE, US
[71] DOLBY LABORATORIES LICENSING CORPORATION, US
[22] 2012-06-27
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[62] 2,837,893
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[25] EN
[54] **IMMUNOASSAY DEVICE WITH IMMUNO-REFERENCE ELECTRODE**
[54] **DISPOSITIF D'IMMUNO-ESSAI POSSEDANT UNE ELECTRODE DE REFERENCE IMMUNOLOGIQUE**
[72] MILLER, CARY JAMES, CA
[72] CAMPBELL, JOHN LEWIS EMERSON, CA
[71] ABBOTT POINT OF CARE INC., US
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[41] 2005-03-24
[62] 2,878,648
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[25] EN
[54] **CALLER IDENTIFICATION USING SOCIAL NETWORK INFORMATION**
[54] **IDENTIFICATION D'UN APPELANT AU MOYEN D'INFORMATIONS DE RESEAU SOCIAL**
[72] PAPAKIPOS , MATTHEW NICHOLAS, US
[72] WALKIN, BRANDON MARSHALL, US
[71] FACEBOOK, INC., US
[22] 2012-01-31
[41] 2012-08-09
[62] 2,825,335
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[13] A1
[51] **Int.Cl. A63B 59/20 (2015.01)**
[25] EN
[54] **LACROSSE HEAD POCKET AND RELATED METHOD OF MANUFACTURE**
[54] **POCHE DE TETE DE CROSSE ET PROCEDE CONNEXE DE FABRICATION**
[72] BURNS, THOMAS H., US
[72] SLATER, SEAN S., US
[72] KOHLER, DALE W., US
[72] HERMAN, CRAIG M., US
[72] JANISSE, RICHARD J., CA
[71] WARRIOR SPORTS, INC., US
[22] 2013-10-09
[41] 2014-04-17
[62] 2,829,483
[30] US (61/714,895) 2012-10-17
[30] US (14/043,434) 2013-10-01
[30] US (14/043,492) 2013-10-01
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[13] A1
[51] **Int.Cl. C12N 15/40 (2006.01) A61K 39/12 (2006.01) A61P 31/14 (2006.01) A61P 37/04 (2006.01) C07K 14/18 (2006.01) C12N 7/01 (2006.01) C12N 7/04 (2006.01)**
[25] EN
[54] **HIGH YIELD YELLOW FEVER VIRUS STRAIN WITH INCREASED PROPAGATION IN CELLS**
[54] **SOUCHE DU VIRUS DE LA FIEVRE JAUNE A HAUT RENDEMENT AVEC PROPAGATION ACCRUE DANS DES CELLULES**
[72] LEE, CYNTHIA K., US
[72] MONATH, THOMAS P., US
[72] GUERTIN, PATRICK M., US
[72] HAYMAN, EDWARD G., US
[71] GE HEALTHCARE BIO-SCIENCES CORP., US
[22] 2010-07-23
[41] 2011-02-03
[62] 2,768,997
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[13] A1
[51] **Int.Cl. H04N 21/80 (2011.01) G08B 13/196 (2006.01)**
[25] EN
[54] **VIDEO IDENTIFICATION AND ANALYTICAL RECOGNITION SYSTEM**
[54] **IDENTIFICATION VIDEO ET SYSTEME DE RECONNAISSANCE ANALYTIQUE**
[72] CAREY, JAMES, US
[71] CAREY, JAMES, US
[22] 2014-04-18
[41] 2014-10-19
[62] 2,851,732
[30] US (61/813,942) 2013-04-19

[21] **2,973,967**
[13] A1
[51] **Int.Cl. G21G 1/08 (2006.01) G21G 1/00 (2006.01)**
[25] EN
[54] **TECHNIQUES FOR ON-DEMAND PRODUCTION OF MEDICAL ISOTOPES SUCH AS MO-99/TC-99M AND RADIOACTIVE IODINE ISOTOPES INCLUDING I-131**
[54] **TECHNIQUES POUR LA PRODUCTION SUR DEMANDE D'ISOTOPES MEDICAUX TELS QUE MO 99/TC 99M ET D'ISOTOPES RADIOACTIFS DE L'IODE, Y COMPRIS I-131**
[72] TSANG, FRANCIS YU-HEI, US
[71] GLOBAL MEDICAL ISOTOPE SYSTEMS LLC, US
[22] 2010-11-12
[41] 2011-08-04
[62] 2,933,961
[30] US (12/944,634) 2010-11-11
[30] US (12/944,694) 2010-11-11
[30] US (61/260,585) 2009-11-12
[30] US (61/265,383) 2009-12-01
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[13] A1
[51] **Int.Cl. B65G 69/00 (2006.01) B65G 49/00 (2006.01) B65G 65/40 (2006.01) E21B 43/267 (2006.01)**
[25] EN
[54] **AGGREGATE DELIVERY UNIT**
[54] **DISTRIBUTEUR D'AGREGATS**
[72] KRENEK, DAVID, US
[72] ENGLAND, KEVIN W., US
[71] SCHLUMBERGER CANADA LIMITED, CA
[22] 2008-09-19
[41] 2009-03-21
[62] 2,639,661
[30] US (60/974268) 2007-09-21
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[51] **Int.Cl. E03C 1/084 (2006.01)**
[25] EN
[54] **DOUBLE-ACTING TAMPER-RESISTANT AERATOR AND AERATOR SYSTEM**
[54] **AERATEUR INVIOLABLE A DOUBLE ACTION ET SYSTEME D'AERATEU**
[72] BUSH, SHAWN D., US
[71] SDB IP HOLDINGS, LLC, US
[22] 2014-03-14
[41] 2014-09-25
[62] 2,902,725
[30] US (61/787,162) 2013-03-15
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SCHLUETER, DOUGLAS	2,971,877
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SCHLUMBERGER CANADA LIMITED	2,971,473
SCHLUMBERGER CANADA LIMITED	2,973,875
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SCHMITT, PAUL GUILLAUME	2,971,785
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WANG, WEI	2,970,943
WANG, WEIYI	2,974,218
WANG, XIANG	2,973,905
WANG, YANPENG	2,973,750
WANG, YIZHONG	2,970,960
WANG, YONGDONG	2,974,024
WANG, YONGPING	2,974,020
WANG, ZHENXI	2,974,020
WARDLE, IAN ROBERT	2,970,928
WARDLE, IAN ROBERT	2,970,934
WARING, CHRISTOPHER	2,973,778
WATSON-MARLOW BREDEL B.V.	2,971,509
WEBER, BENEDIKT	2,971,244
WEBER, KLAUS	2,970,908
WEBER, PATRICK	2,969,410
WEEKS, KIRSTEN M.	2,974,347
WEI, BINQING	2,965,540
WEI, HENRY G.	2,974,404
WEI, WUXIANG	2,970,515
WEIDLICH, HELMUT	2,972,678
WEIHS, JAN PHILIPP	2,971,773
WEINER, HOWARD L.	2,973,978
WEINER, SAMUEL	2,973,976
WEINSCHENK, TONI	2,972,126
WEINSCHENK, TONI	2,972,306
WELLDRINKS LTD	2,974,036
WELLHEAD ELECTRIC COMPANY, INC.	2,973,815
WENSLEY, THOMAS JAMES	2,970,928
WENZEL, JORG	2,970,982
WERR, MARTIN CARL	2,973,998
WESSON, DAVID S.	2,974,013
WEST, SOLOMON O'NEIL	2,973,954
WESTERN UNIVERSITY OF HEALTH SCIENCES	2,973,894
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WEYMOUTH-WILSON, ALEXANDER	2,968,305
WEYMOUTH-WILSON, ALEXANDER	2,968,309
WEYMOUTH-WILSON, ALEXANDER	2,968,310
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WILKINSON, CRAIG ADAM	2,970,934
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WILLBERG, DEAN MICHAEL	2,973,875
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WILLIAMS, JAY J.	2,967,025
WILLIAMS, RYAN DONALD	2,973,875
WILLIAMS, STEPHANIE	2,968,114
WILLINSKY, MICHAEL	2,974,208
WILLSCH, MICHAEL	2,972,935
WILSON, DAVID MATTHEW	2,971,668
WILSON, DYLAN	2,974,211
WILSON, EDWIN E.	2,968,535
WILSON, KYLE	2,970,188
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WINDHAB, ERICH JOSEF	2,970,980
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WONG, SIU LING	2,974,369
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WRIGHT, ERIC C.	2,973,689
WRIGHT, JUSTIN	2,973,952
WRIGHT, MARTIN C.	2,969,067
WU, CHUNG-YI	2,973,886
WU, GUAILI	2,974,021
WU, HAN-CHUNG	2,973,886
WU, PAI-TZU	2,970,384
WU, ZHONGYI	2,973,903
WUEST, MARTIN	2,970,849
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WWT NORTH AMERICA HOLDINGS, INC.	2,974,323
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XOC PHARMACEUTICALS, INC.	2,974,113
XOC PHARMACEUTICALS, INC.	2,974,117
XU, HUI	2,965,246
XU, HUI	2,966,500
XU, LEI	2,963,160
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YANG, XIA	2,970,971
YANG, YONGHUA	2,974,102
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ZHAN, WEIQIANG	2,972,994
ZHANG, GEORGE	2,967,311
ZHANG, JIONG	2,973,833
ZHANG, KAI	2,971,086
ZHANG, KANG	2,973,750
ZHANG, KANG	2,973,903
ZHANG, QIAN	2,973,746
ZHANG, WEI	2,973,949
ZHANG, WEIXING	2,972,148
ZHANG, XI	2,966,992
ZHANG, XIAOYU	2,973,853
ZHANG, YANFENG	2,973,853
ZHANG, YANSHENG	2,973,609
ZHANG, YI	2,973,750
ZHANG, YI	2,973,903
ZHAO, LEI	2,966,409
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ZHENG, JUN	2,974,214
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ZHENG, YONGCHANG	2,971,086
ZHOU, HONG, MIMI	2,967,379
ZHOU, JINGYE	2,972,994
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MONSANTO TECHNOLOGY LLC	2,973,552
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